



No 5603

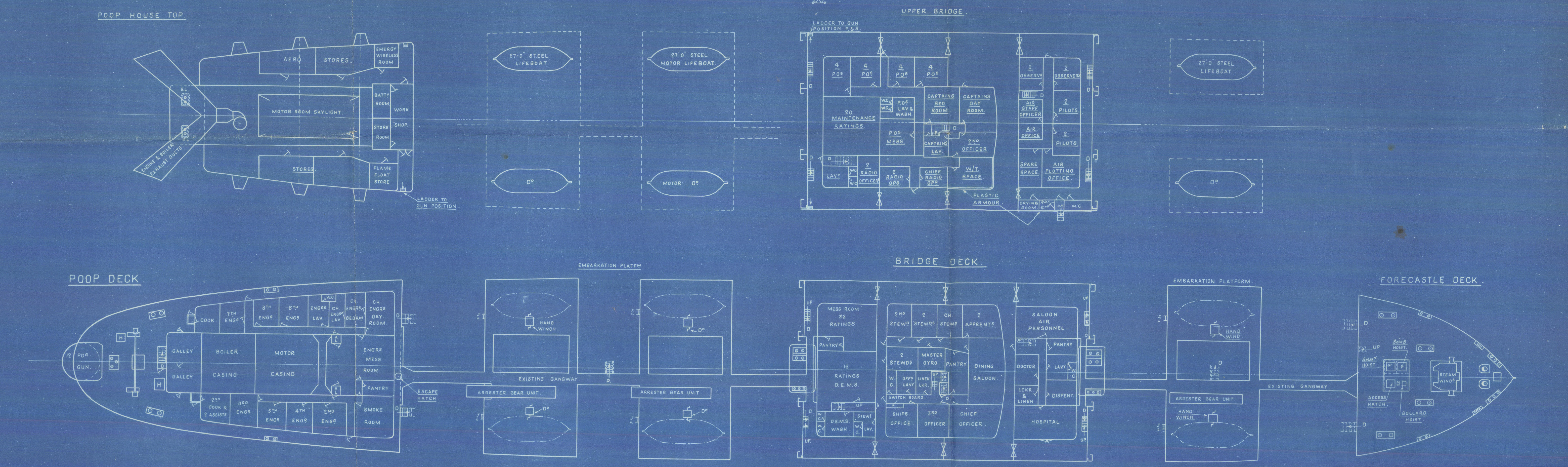
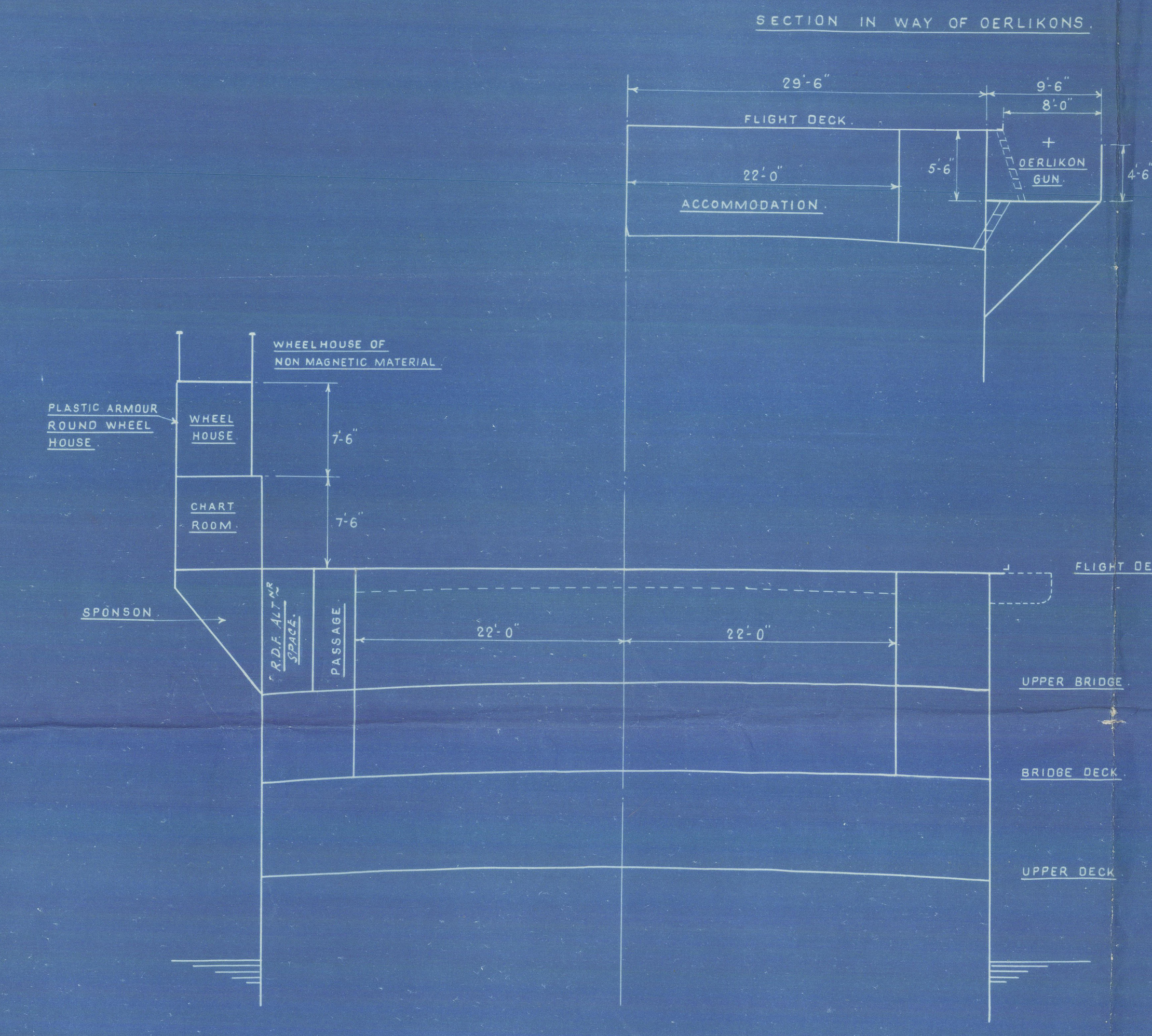
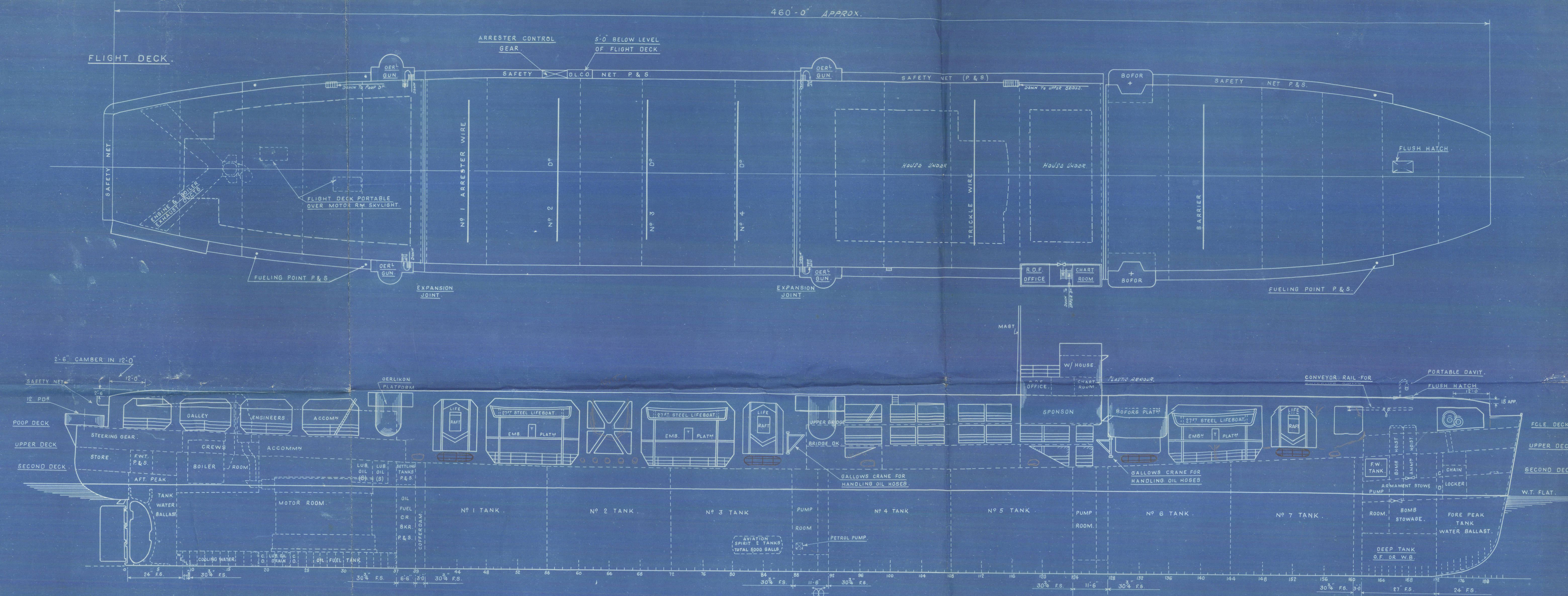
Falmouth

003620-003624-0009



© 2021

Lloyd's Pechter
Foundation



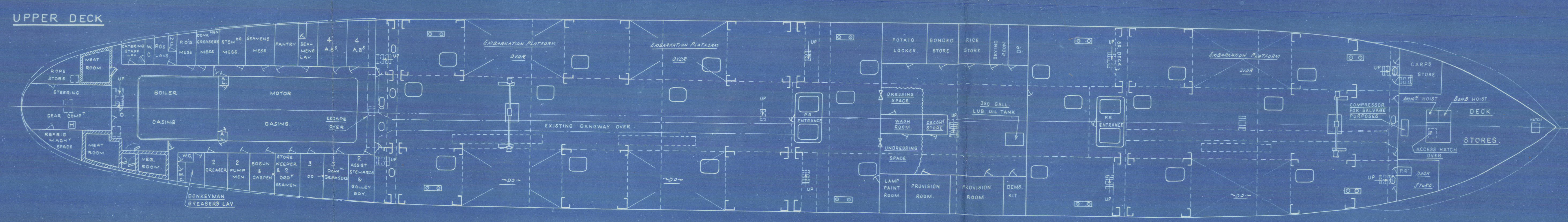
BOAT STOWAGE - COMPLEMENT.

CAPTAIN	1
CHIEF OFFICER	1
ENOS	1
3RD	1
APPRENTICES	2
CHIEF STEWARD	1
ENP	1
STEWARDS	4
CHIEF W.T. OPERATORS	1
W.T.	1
PETTY OFFICER	1
MAINTENANCE	2
OBSERVERS	4
PILOTS	6
AIR STAFF OFFICER	1
ROTOR	1
D.E.M.S.	1
CHIEF ENGINEERS	1
END 3RD 4TH 5TH 6TH 7TH 8TH ENGINEERS	7
COOK	1
END COOK	1
GALLEY BOY	1
MESS BOY	1
A.B.	8
DOCKMEN GREASERS	8
3 STEWARDS	3
STORKKEEPER & ORDINARY SEAMAN	3
BOSSMAN - CARPENTER	2
PUMPMAN - CARPENTER	2
GREASERS	2
TOTAL	117
+ 10%	12
TOTAL	129

LIFEBOATS
 2 - 27'-0" x 8'-9" x 3'-8" 96 PERSONS.
 1 - 27'-0" x 8'-10" x 3'-8" (MOTOR BOAT) 44 "
 TOTAL 140 "

RAFTS
 3 LIFE RAFTS EITHER SIDE "CHIPCHASE" TYPE
 EACH FOR 20 PERSONS
 TOTAL 120 PERSONS.

NOTE
 EQUIPMENT OF LIFERAFTS & BOATS
 IN ACCORDANCE WITH STATUTORY
 RULES & ORDERS 1942 No 1519.



No 5601-2-3
 OUTLINE GENERAL ARRANGEMENT.
 SCALE 1/16" = 1 FT.

DRAWING No 3

N 5603

LLOYDS APPROVED PLAN N°3.

GENERAL ARRANGEMENT

✓
After conversions
during life of
the ship.

003620-003624-0003

003620-003624-0003



Lloyd's Register
Foundation

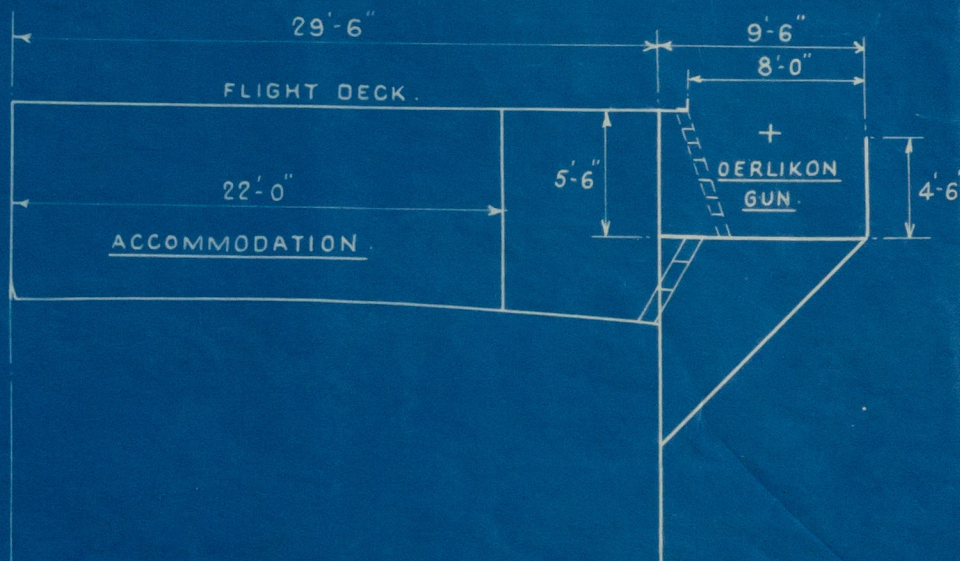
"ACAYUS."

N. 5603 - ~~2~~ - ~~3~~

Copy of Lloyds approved
plan No. 3.

GENERAL ARRANGEMENT

SECTION IN WAY OF OERLIKONS.



22'-0"

22'-0"

FLIGHT DECK

UPPER BRIDGE

Workman, Clark.

No 536.

Profile & deck plans

9.

M/V "ACAVUS"

RETAIN

0021

Lloyd's Register
Foundation

003620-003624-0007

46° 0' 0" B.P. 59° 0' 0" N^{LD} 34° 0' 0" N^{LD}

1/16" = 1 FOOT

ARRANGEMENTS IN WAY OF
FORE END TO BE SUBMITTED

CONTINUITY OF LONGITUDINAL STRENGTH TO BE MAINTAINED AT JUNCTION OF LONGITUDINAL AND TRANSVERSE FRAMING

LONGITUDINAL TRAINING AT UPPER LIMB

CORNERS OF HATCHWAYS TO BE WELL ROUNDED
POSITION OF HATCHWAYS APPROXIMATE

CURCHIN & WATSON
BEVIS MARKS HOUSE
BEVIS MARKS
LONDON. E.C.3.

Workman. Clark.

no 536.

Mid ship Section.

Y.

M/V "ACAVUS"

REMAIN

© 2021

003620 - 003624 - 0006

Lloyd's Register
Foundation

Lloyd's
 13/12/33
 12/12/33

LLOYD'S NUMERALS
 D = 34.0
 L x D = 15640
 L x (D + D) = 42780
 L/D = 13.52

EQUIPMENT TO RULE.

MIDSHIP SECTION

OIL TANKER

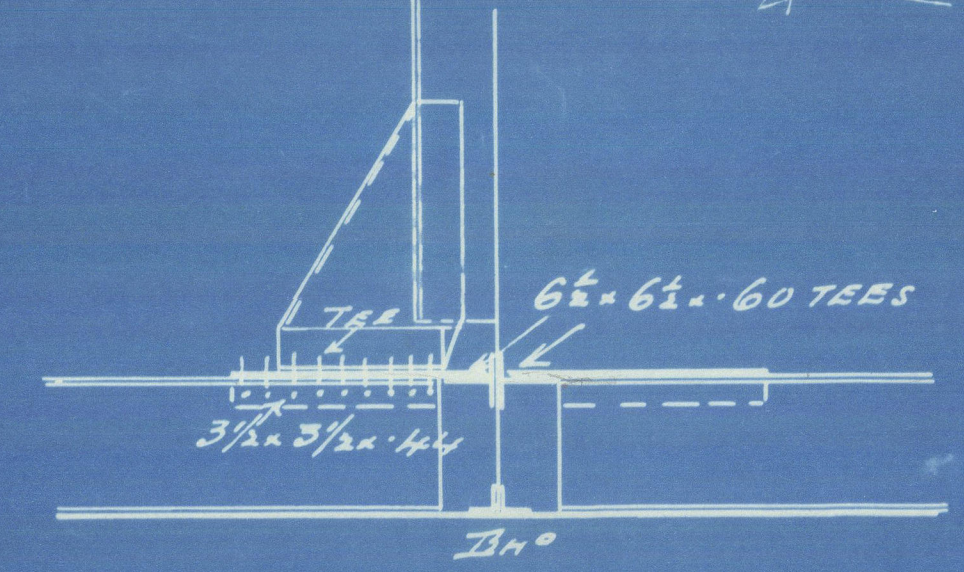
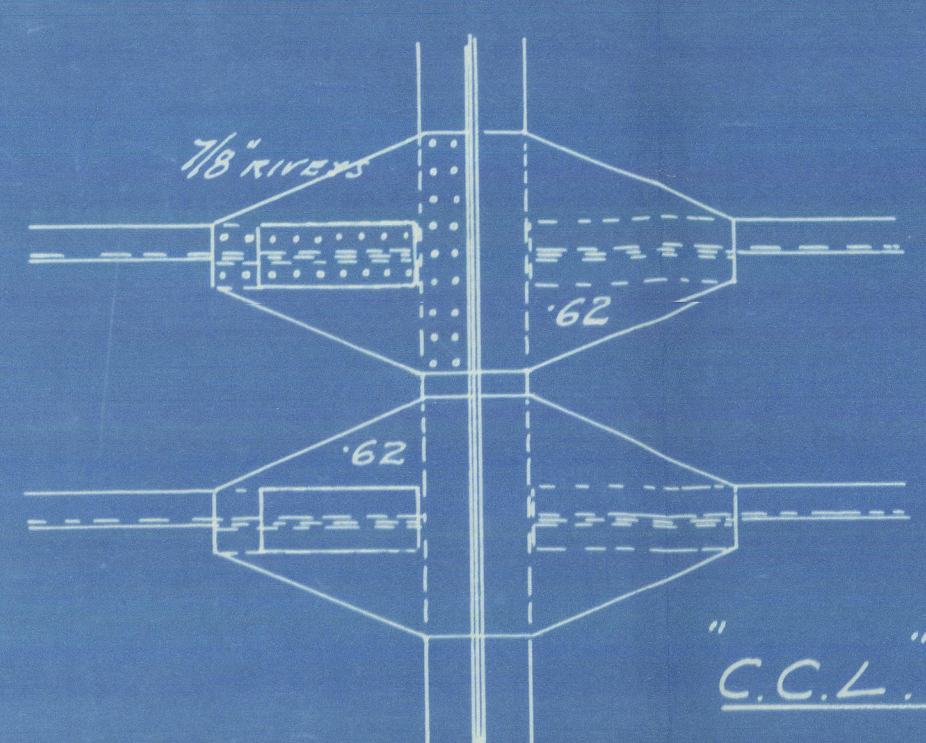
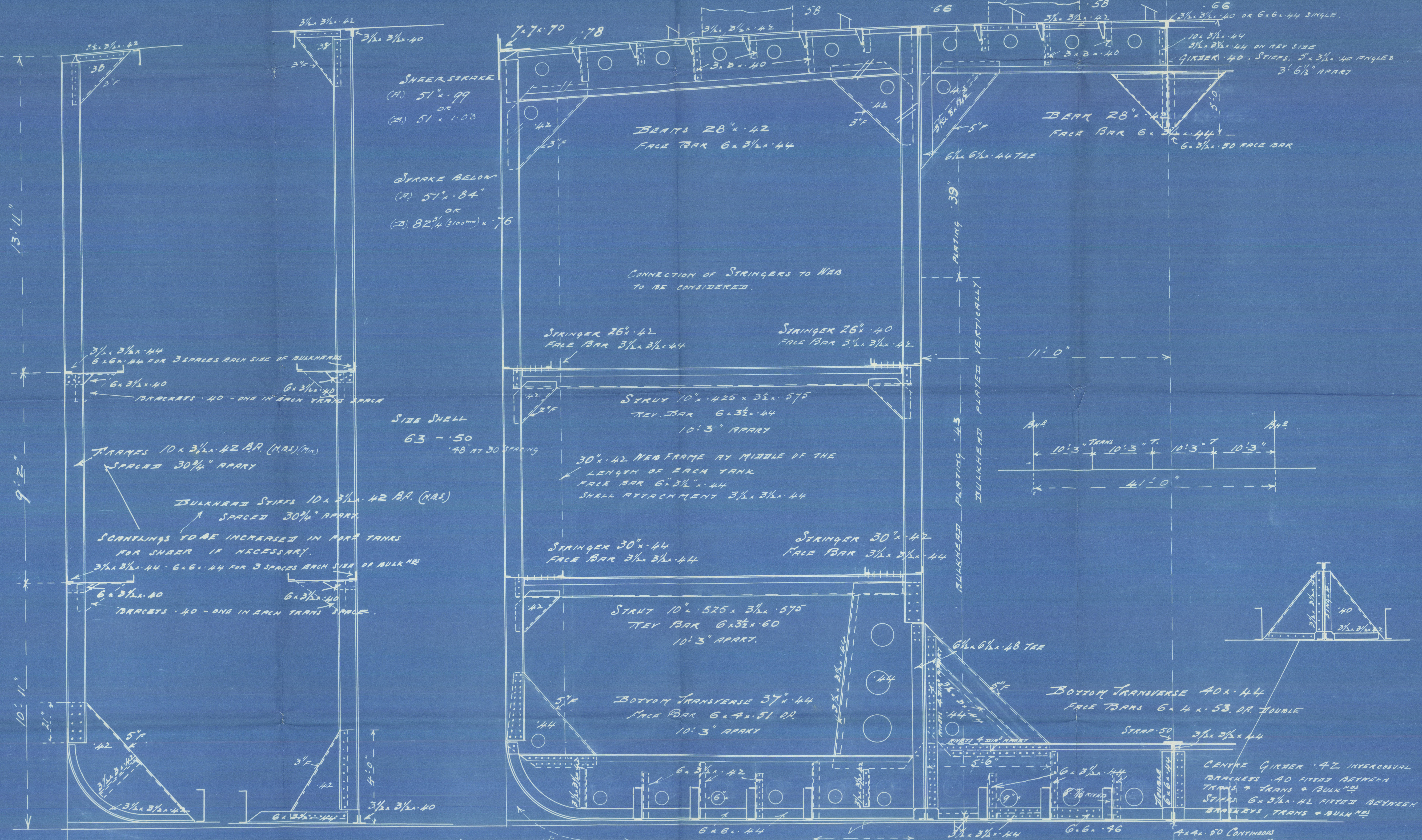
460'0" x 59'0" MLD x 34'0" MLD

CLASS LLOYD'S 100.A.I. CARRYING PETROLEUM IN BULK LONGITUDINAL FRAMING AT BOTTOM AND DECK
 1/2" SCALE

SCANTLING CLEAR OF OIL TANKS TO BE CONSIDERED SPECIALLY
 SUITABLE INCREASES TO BE MADE FOR SHEER

DECK LONGITUDINALS 8 x 3 1/2 x 44 (H.S.) AT 30" SPACING 8 x 3 1/2 x 46 (H.S.) AT 33" SPACING.

DECK THICKNESSES ASSUME ONLY ONE 4'0" OPENING IN ONE LINE ACROSS FULL WIDTH OF DECK
 POSITION OF LANDINGS APPROXIMATE.

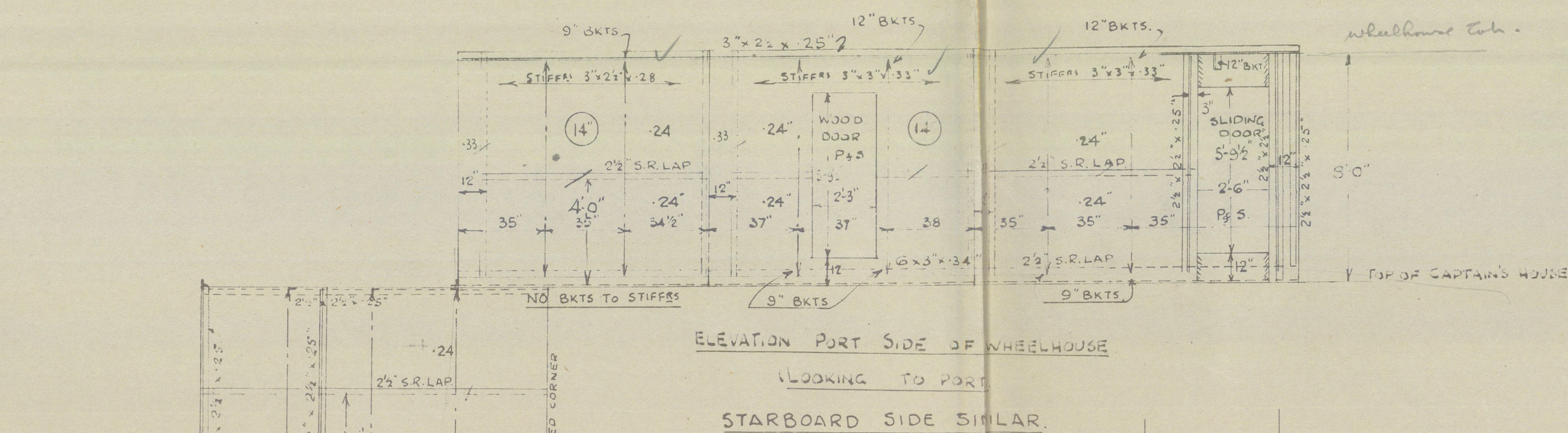
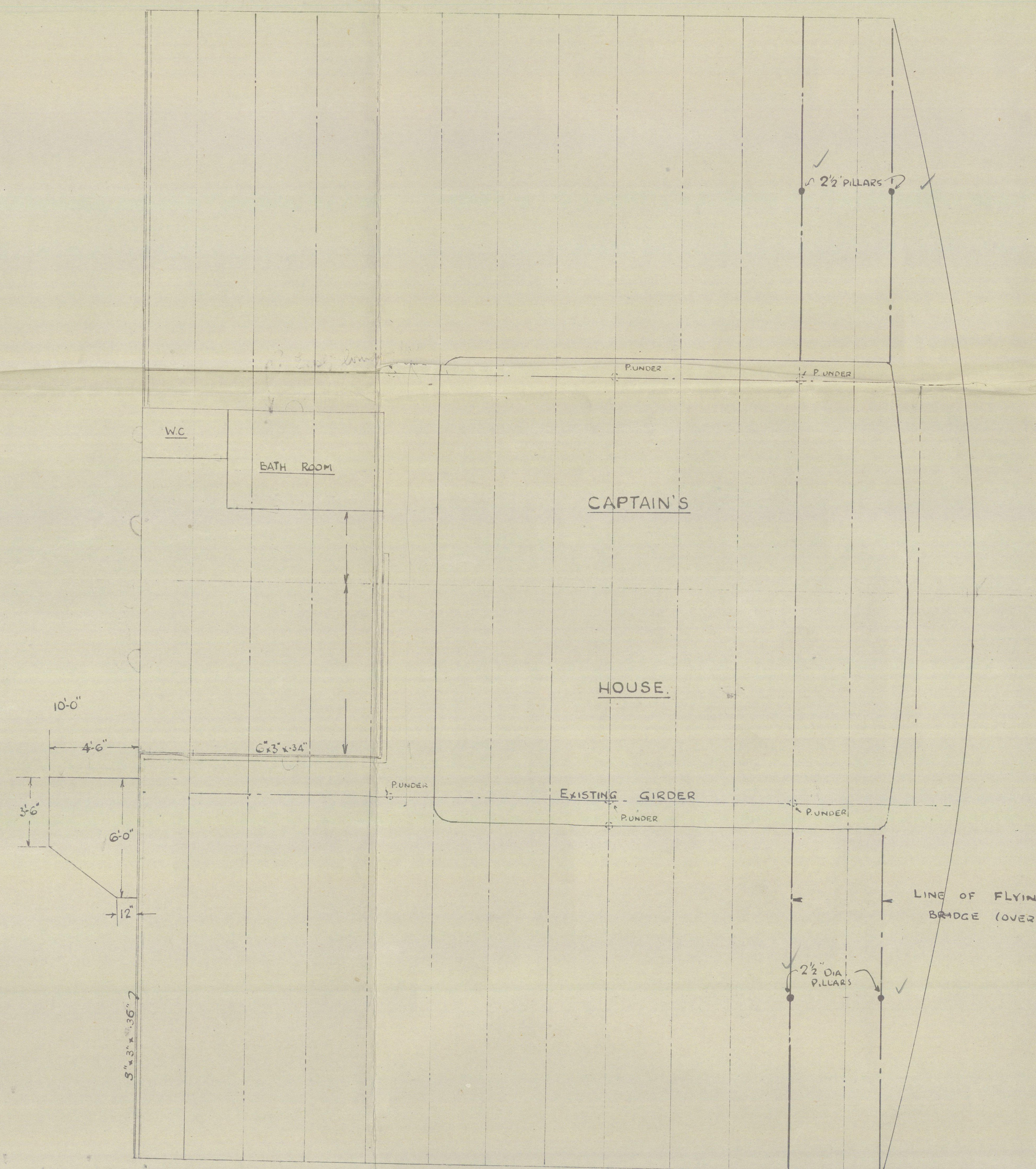


"C.C.L." BOTTOM LONGITUDINAL ATTACH

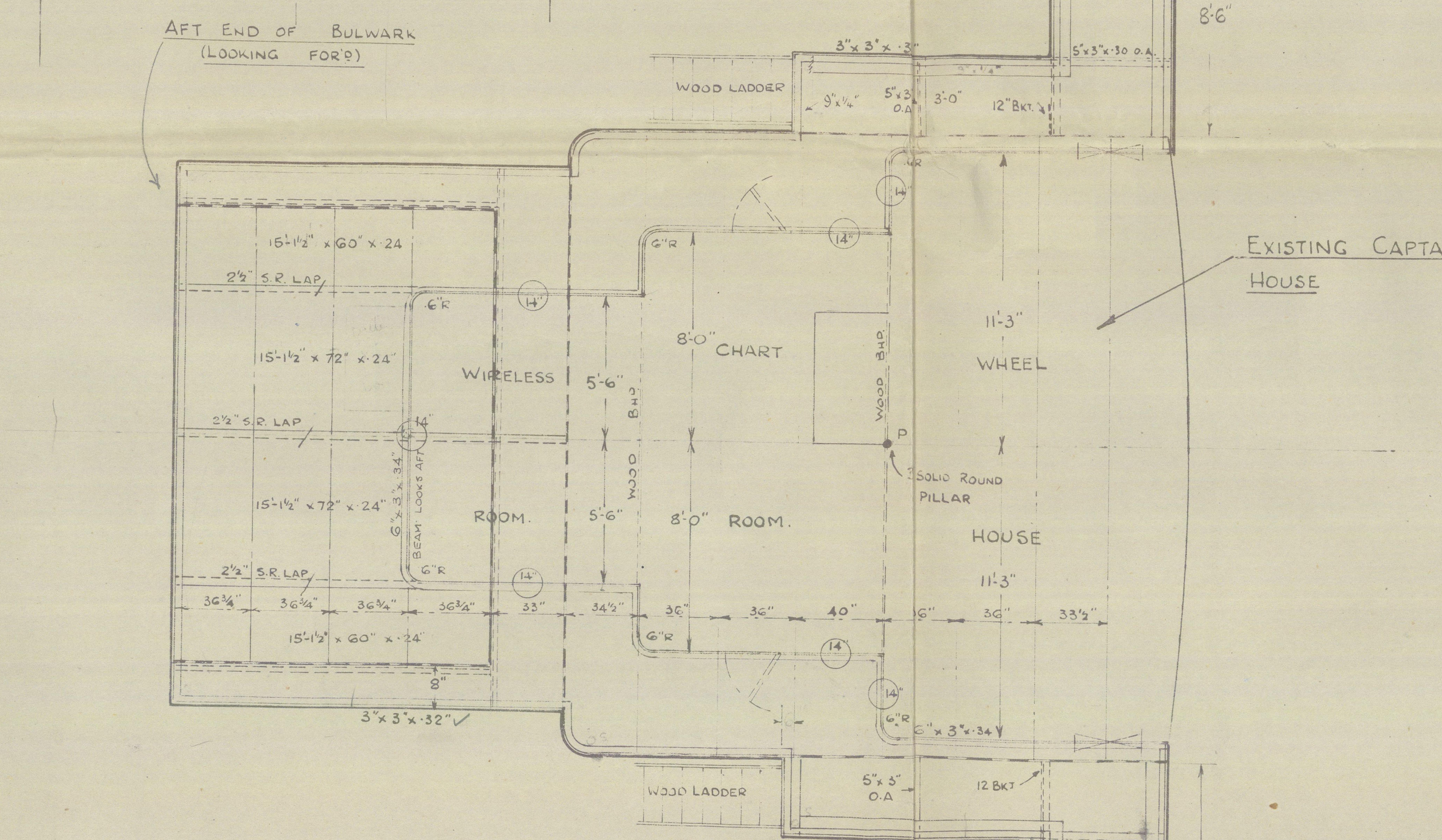
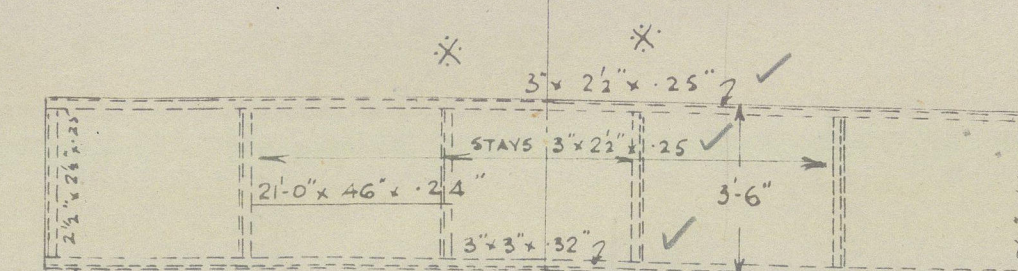
CURCHIN & WATSON
 BEVIS MARKS HOUSE
 LONDON, E.C.3

CURCHIN & WATSON
 BEVIS MARKS HOUSE
 LONDON, E.C.3

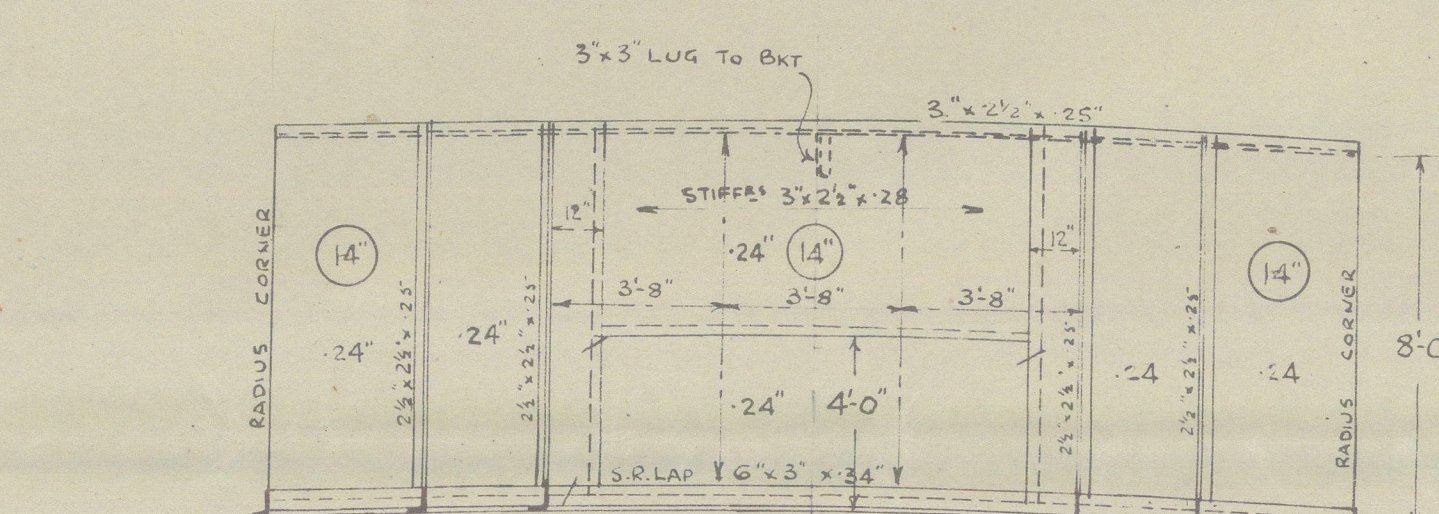
See note on page 234
 12/12/33



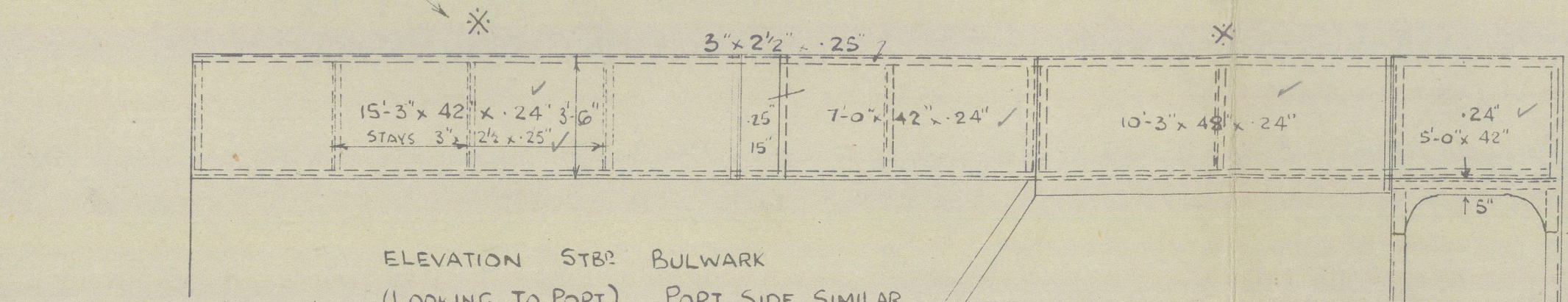
ELEVATION PORT SIDE OF WHEELHOUSE
LOOKING TO PORT



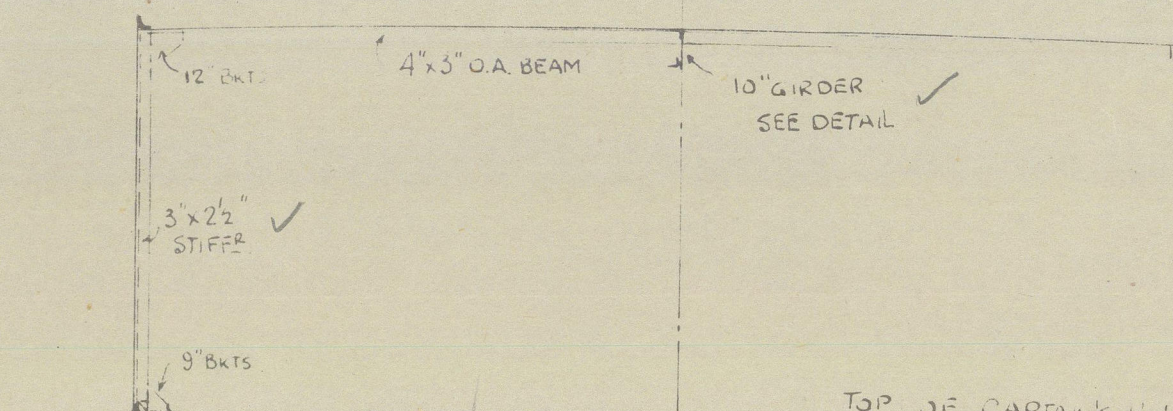
PLAN VIEW ON TOP OF CAPTAIN'S HOUSE
DECK SHEATHED WITH 5"x25" WOOD



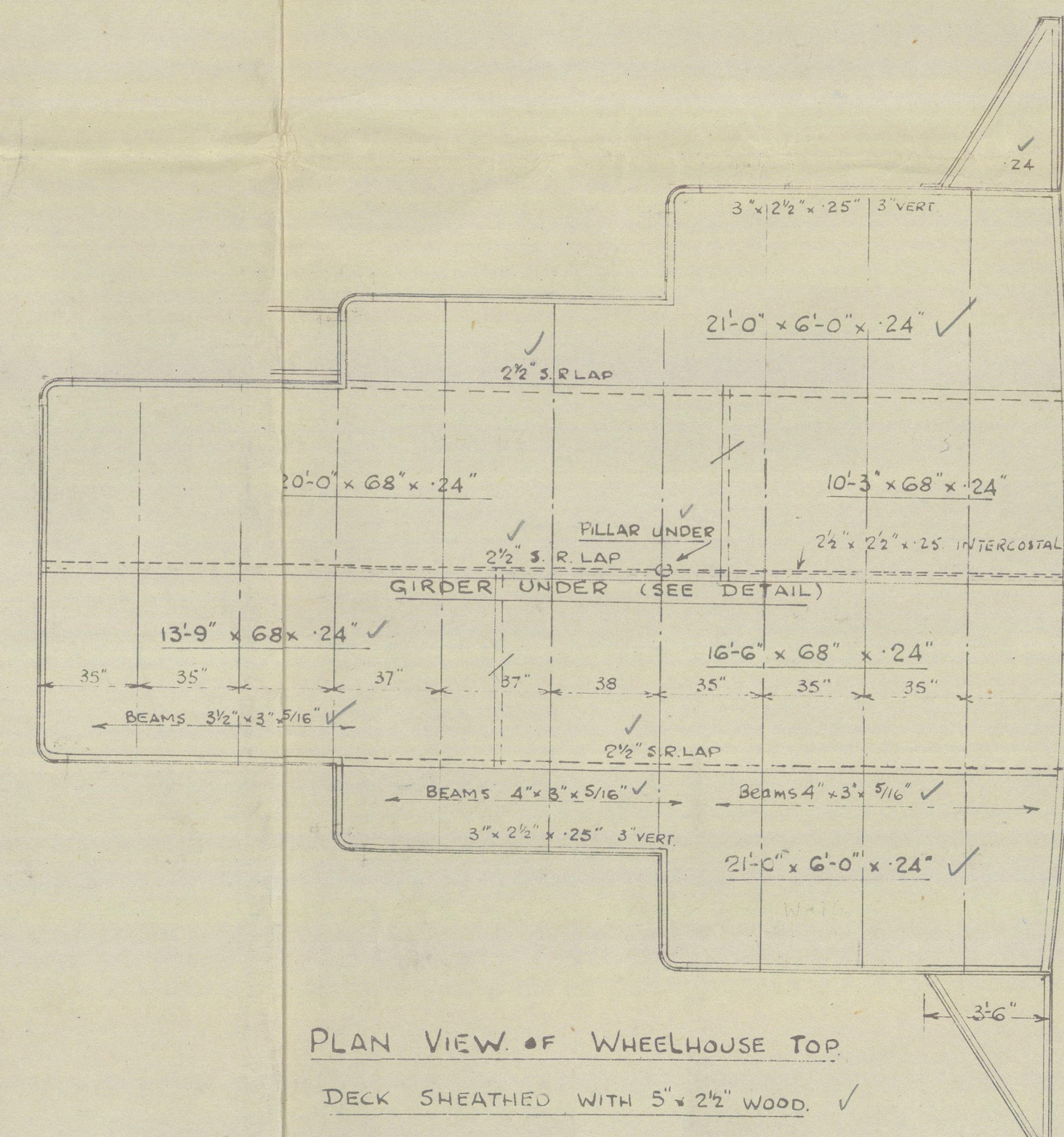
END VIEW OF HOUSE
LOOKING FORWARD



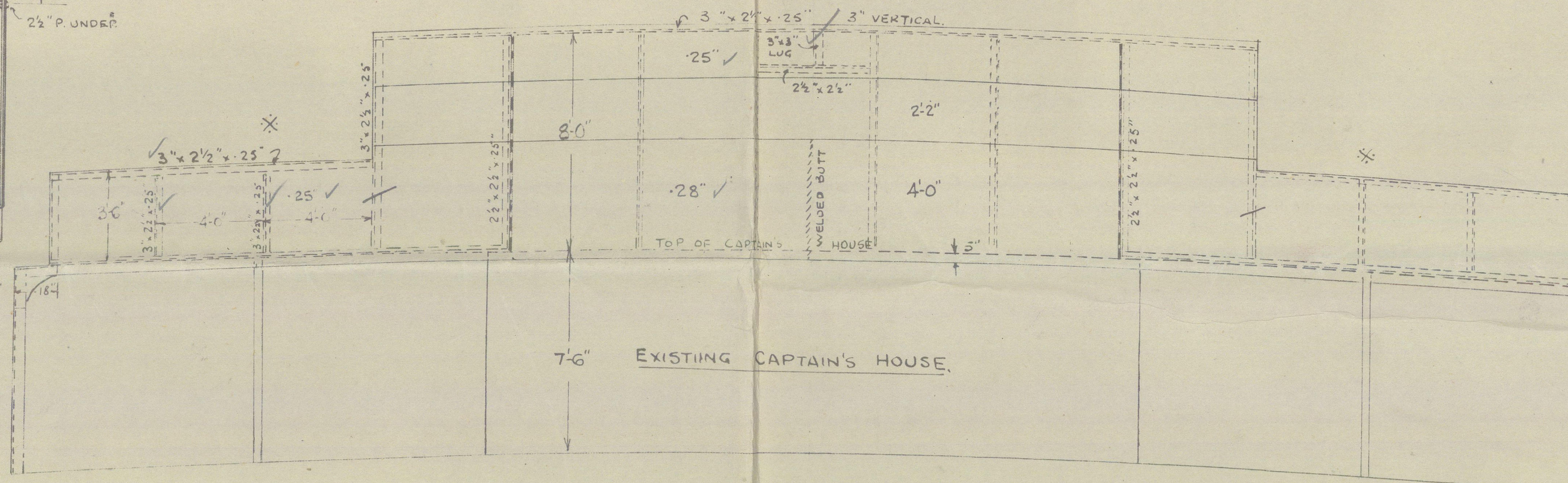
ELEVATION STARBOARD BULWARK
LOOKING TO PORT (PORT SIDE SIMILAR)



SECTION THREE WHEELHOUSE
(LOOKING AFT)

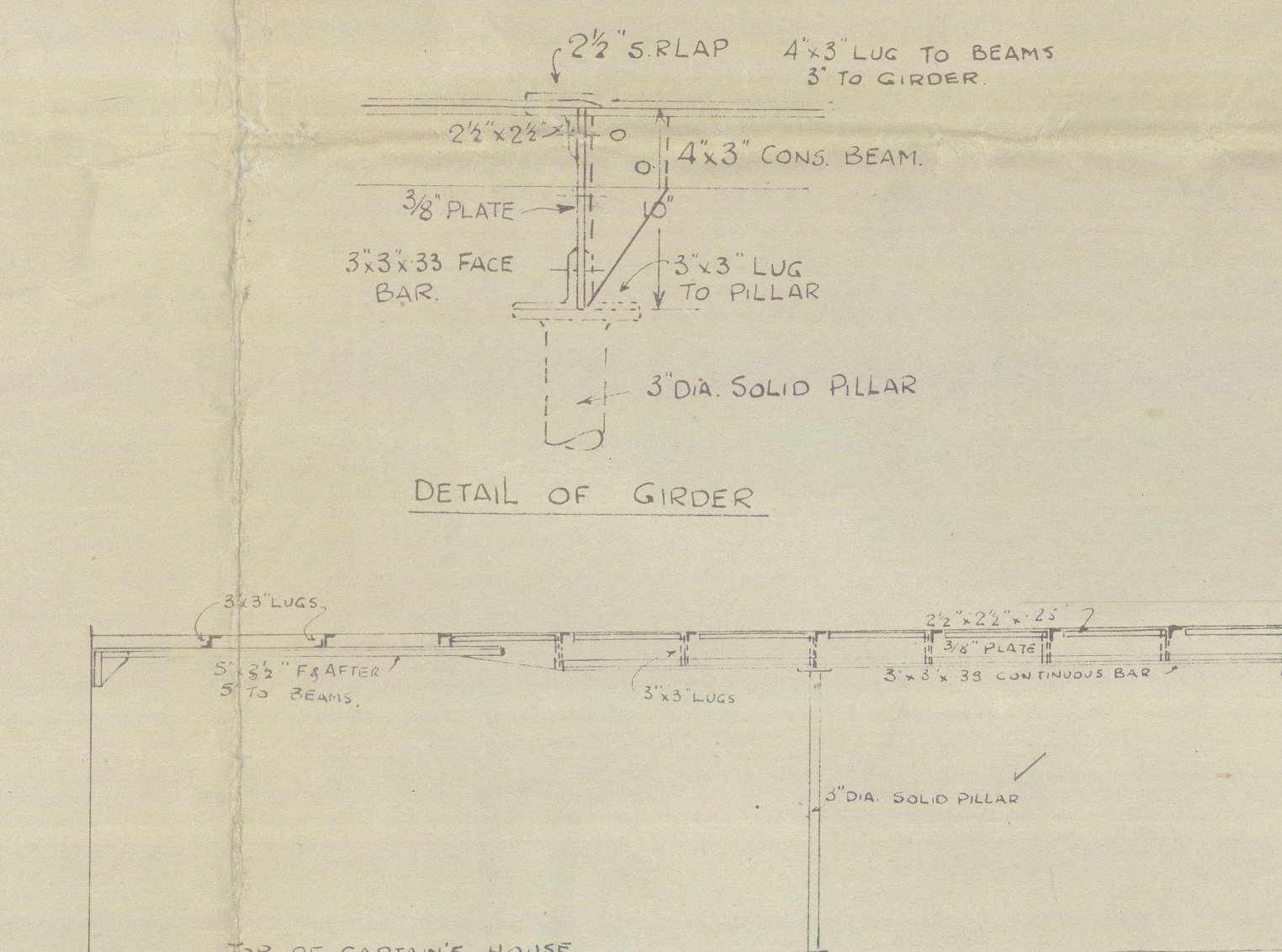


PLAN VIEW OF WHEELHOUSE TOP
DECK SHEATHED WITH 5"x25" WOOD

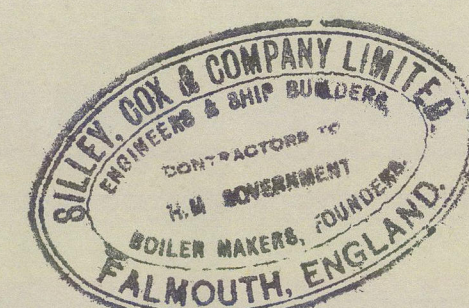


FORE END OF WHEELHOUSE
(LOOKING AFT)

"ACAVUS" WHEELHOUSE & CHART RM. ETC (RECONVERSION) 1/4" = 1 FOOT.



ELEVATION AT G SHOWING GIRDER



5.0.5726

Messrs.

R. & W. Hawthorn, Leslie & Co. Ltd.

Engines N^o 3822 - ^{1/5} "Ancyclus"
P. Hunter & Wrig. Pair Ltd. Ship N^o 1491

Engines N^o 3823 - ^{1/5} "Acavus"
Workman Clark's Ship N^o 536.

Engines N^o 3831 - ^{1/5} "San Alvan"
P. Hunter & Wrig. Pair Ltd. Ship N^o 1493.

Engines N^o 3832 - ^{1/5} "San Ambrosio"
Hawthorn Leslie Ship N^o 593.

Engines N^o 3833 - Furness L.B. Co. Ltd. Ship N^o 235

Flywheel Shaft

10

GEN. BOX NO

331

RETAIN



© 2021

Lloyd's Register
Foundation

W1636-0046

B. 128

2-3-31-2-3.

Muse.

R. & W. Hawthorn, Leslie & Co. Ltd.

- Engines N^o 3822 - S. Hunter & Wigg. Pinst. L. Ship N^o 1491 ^{Ancylus}
Engines N^o 3823 - Workman Clark's Ship N^o 536 ^{Acarius}
Engines N^o 3831 - S. Hunter & Wigg. Pinst. L. Ship N^o 1493
Engines N^o 3832 - Hawthorn Leslie's Ship N^o 593
Engines N^o 3833 - Furness L.B. Co. Ltd. Ship N^o 235

Shafting Details

HAWTHORN LESLIE'S No 3823

NEWCASTLE ON TYNE.

Report No. 91980.

RETAIN

LR

© 2021

Approved 10.2.34

Lloyd's Register
Foundation

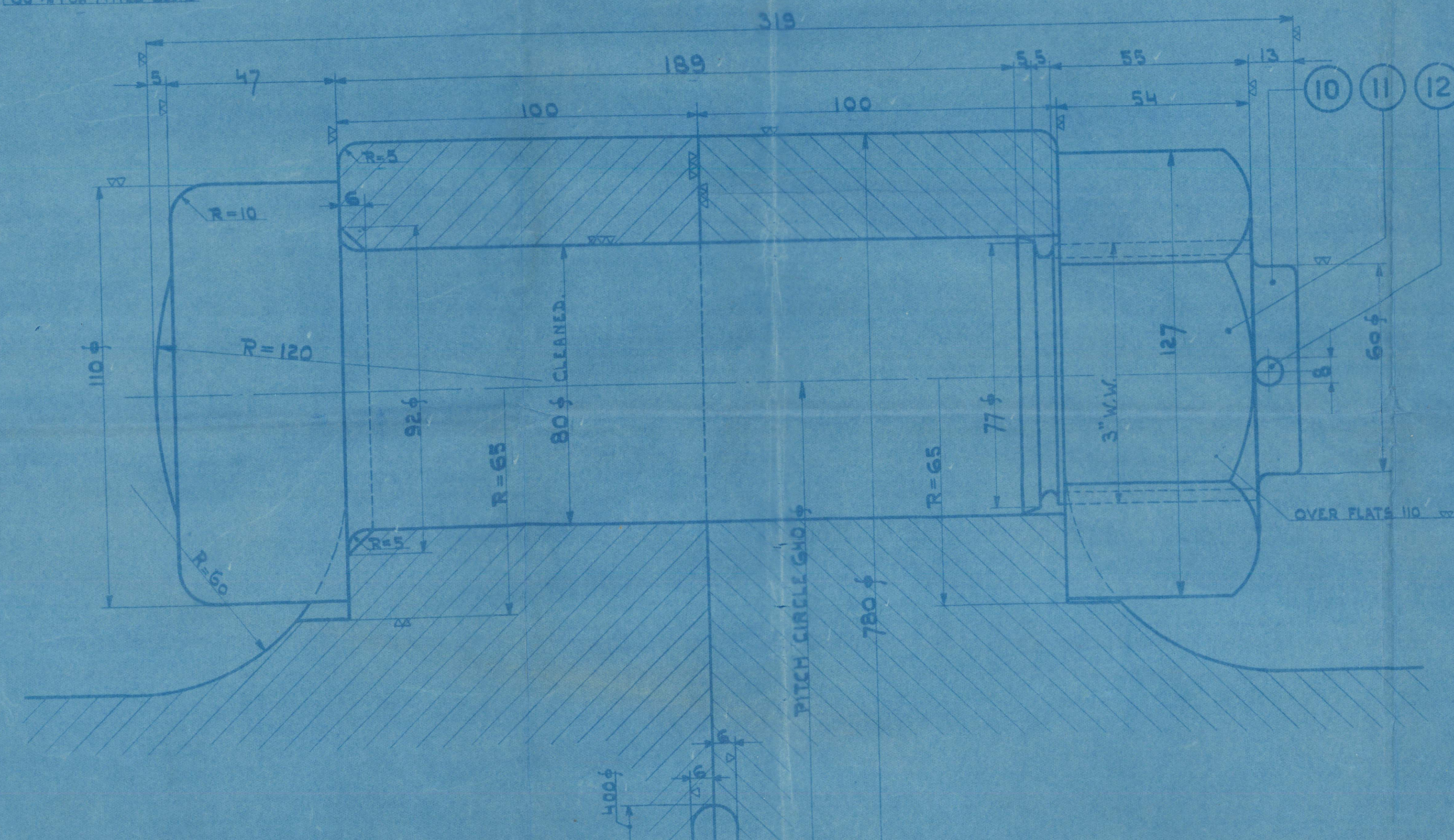
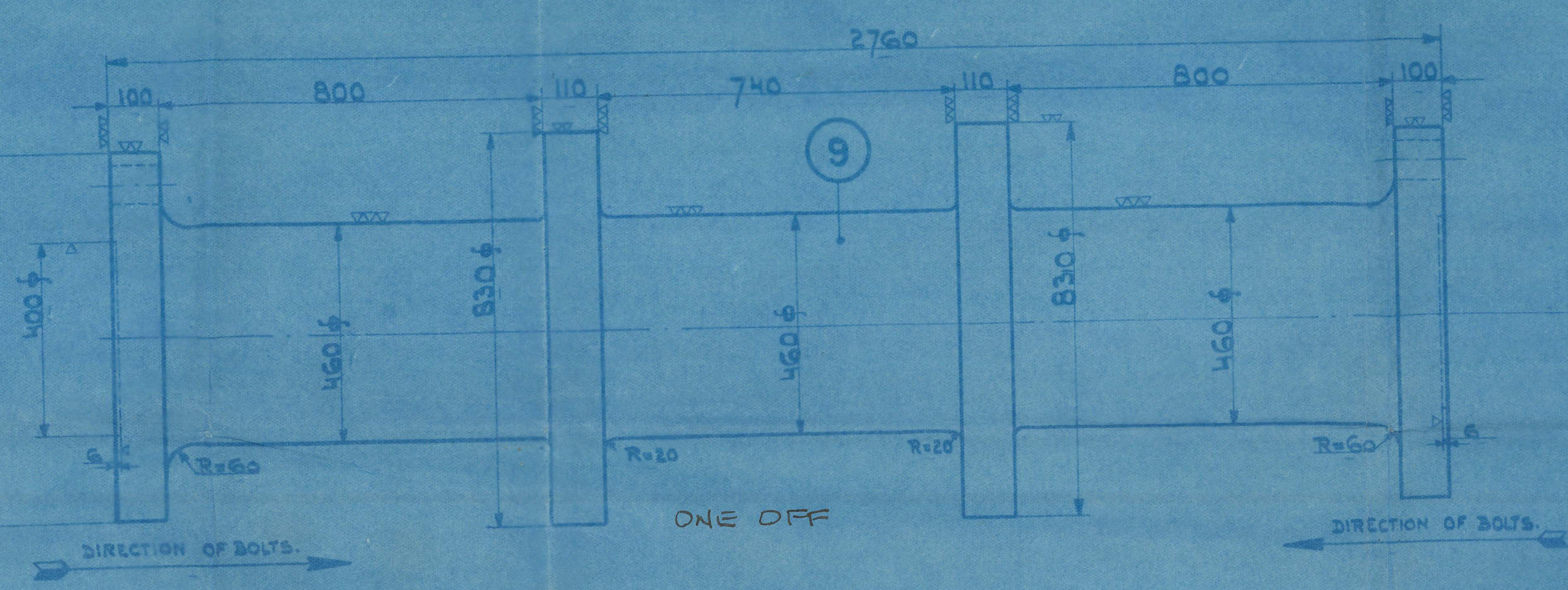
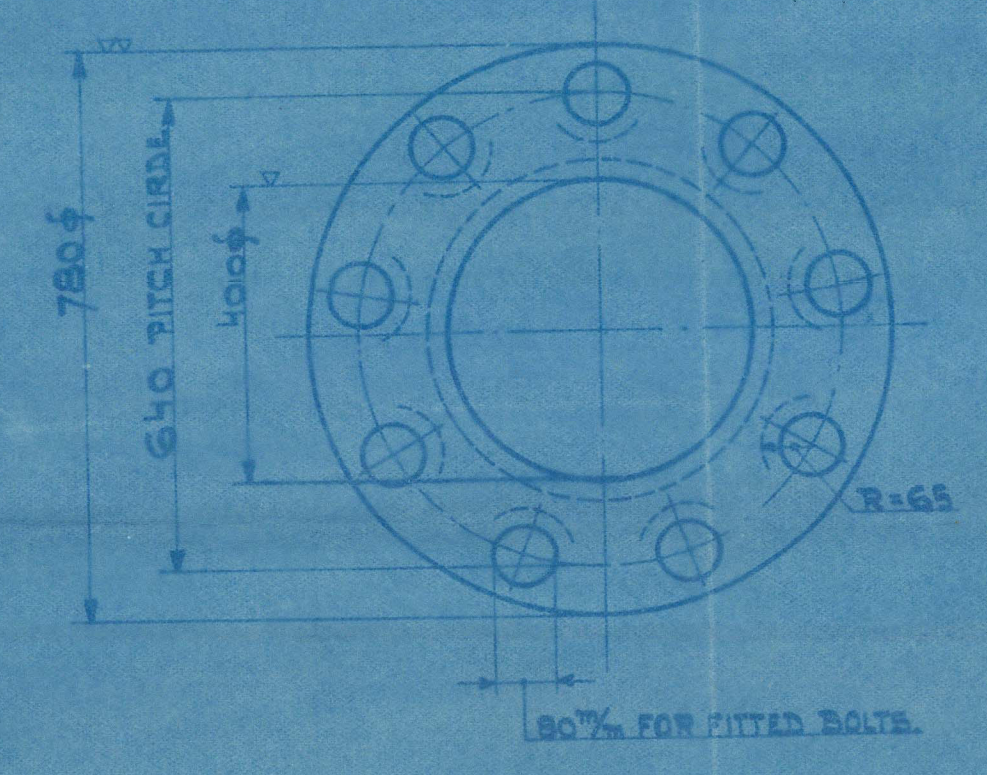
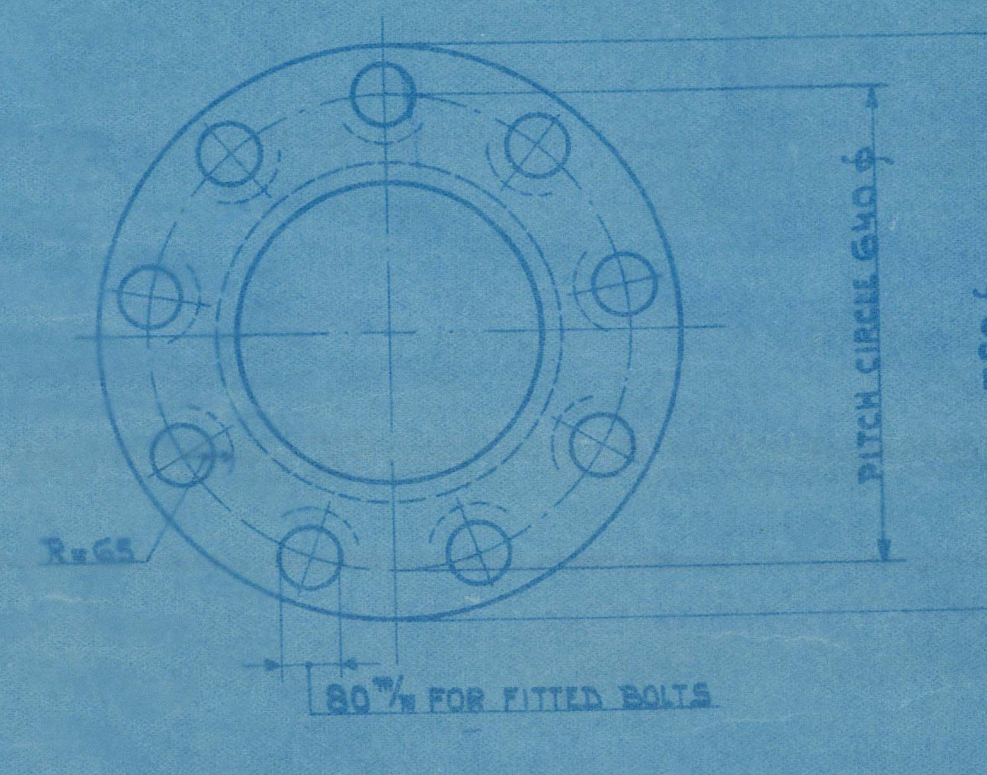
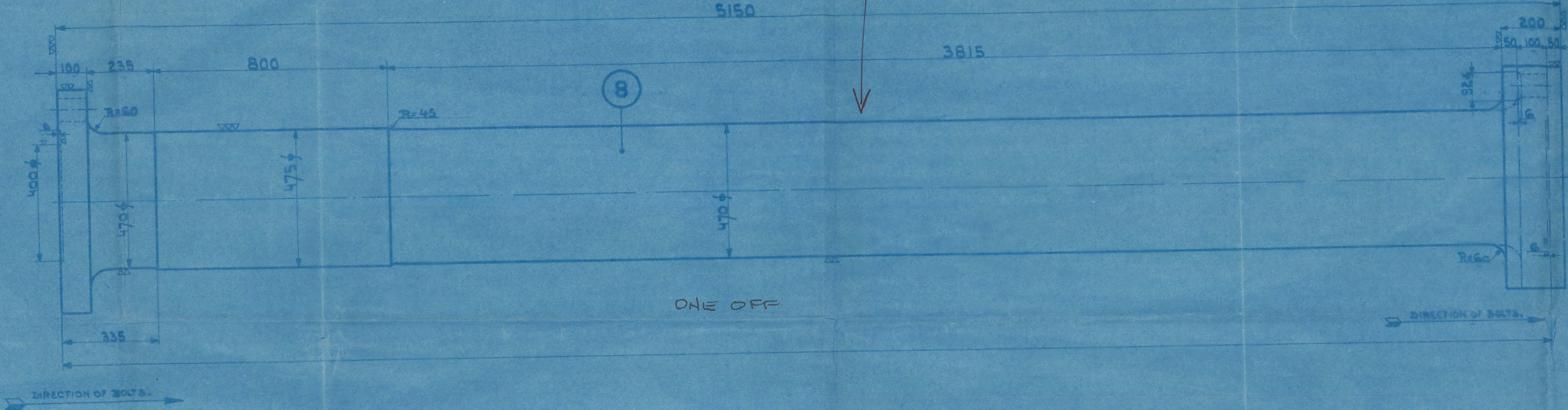
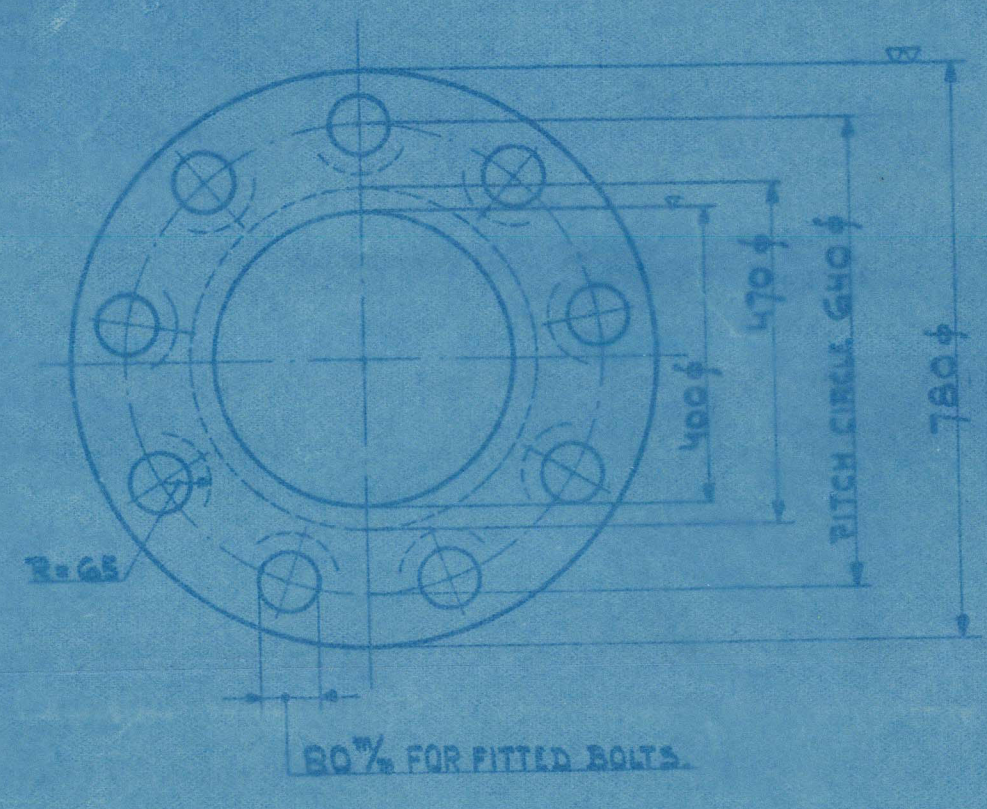
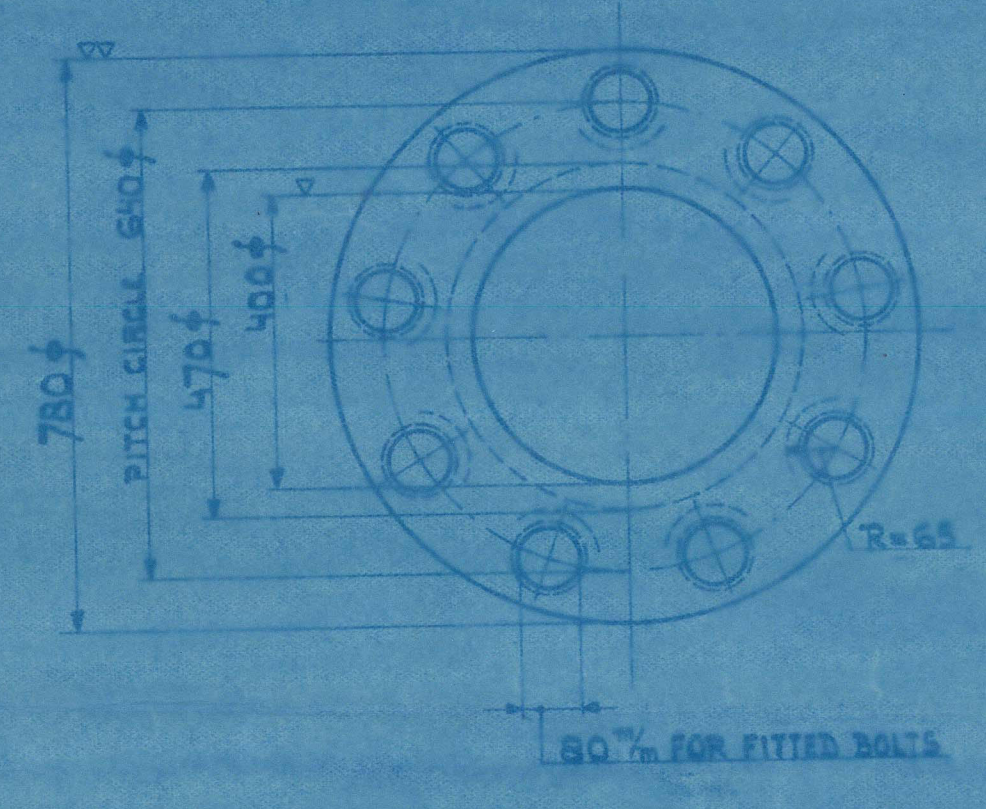
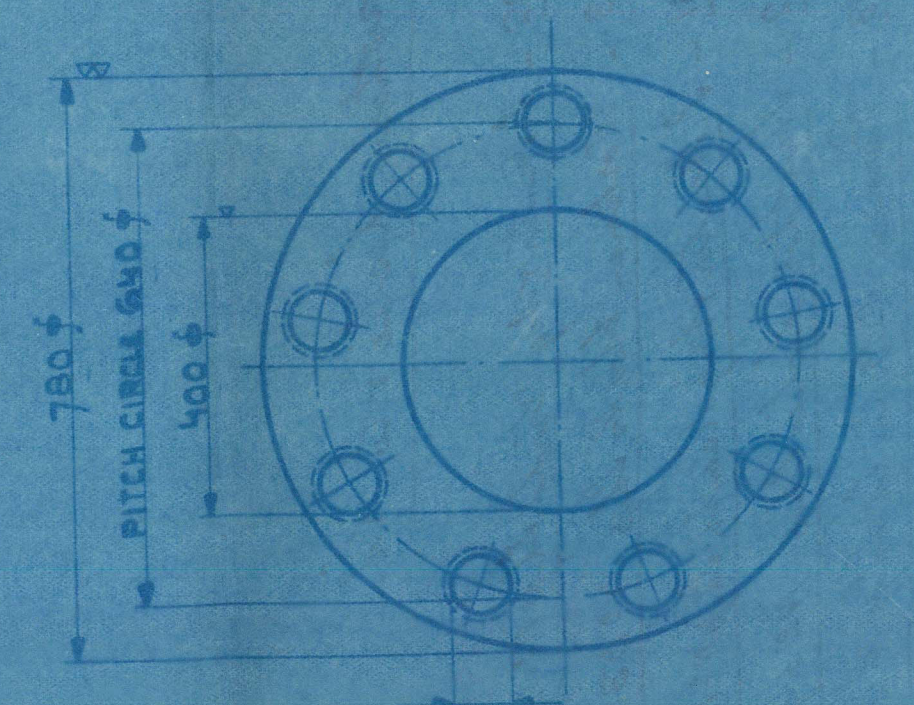
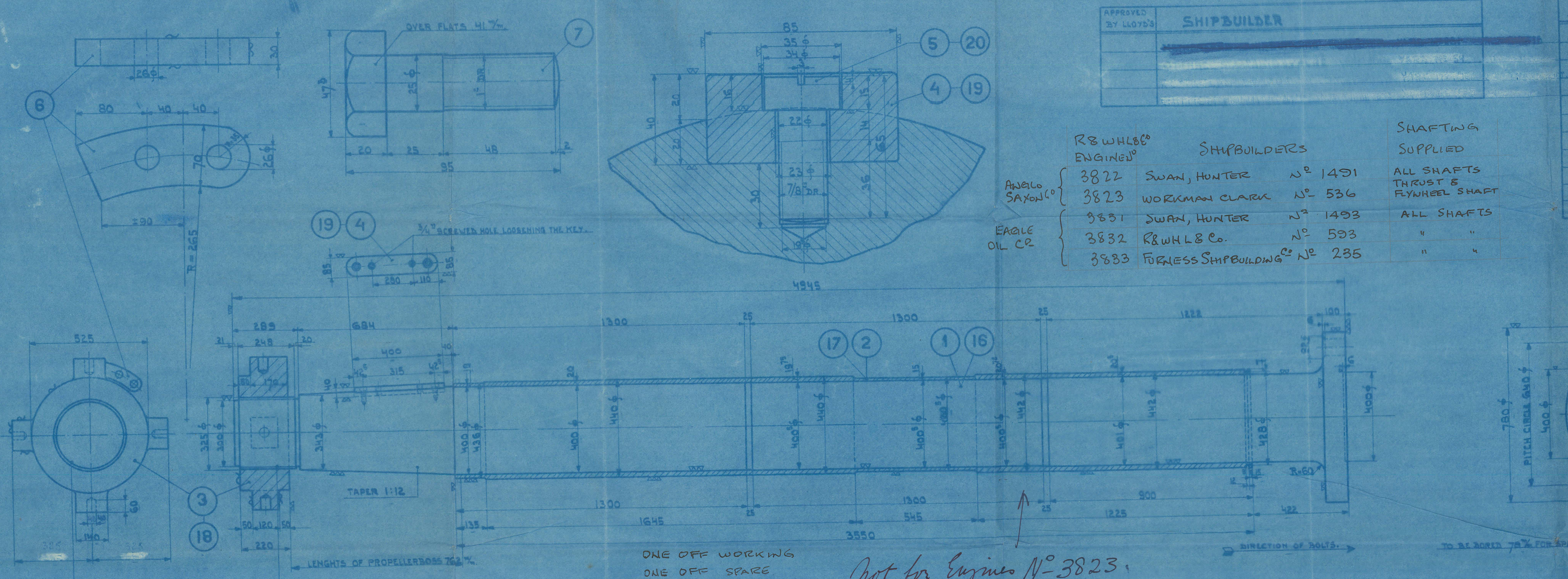
W1636-0047

10/2/34

APPROVED BY LLOYD'S	SHIPBUILDER

SHAFTING FOR DIESEL ENGINE SUPER CHARGER		
8 CYLINDERS	FOUR CYCLE	SINGLE ACTING
BORE OF CYLINDER	650 mm	
STROKE	1400 mm	
REVOLUTIONS PER MIN.	110	
MAX. PRESSURE	700 l.b.s.	
M.L.P.	110 l.b.s.	
DIAM. FLYWHEEL	2250 mm	
WEIGHT OF FLYWHEEL	6000 K.G.	
DIAM. CRANKSHAFT	460 mm	
B.H.P.	2800	
DIAM. PROPELLER	ABOUT 15'-6"	

ENGINE	SHIPBUILDERS	
3822	SWAN, HUNTER	Nº 1491
3823	WORKMAN CLARK	Nº 536
3831	SWAN, HUNTER	Nº 1493
3832	R&W L & Co.	Nº 593
3833	FORBES SHIPBUILDING	Nº 285



FOR SHAFTING SEE DRAWING 30871-1
FOR STERN TUBE " " 30871-2

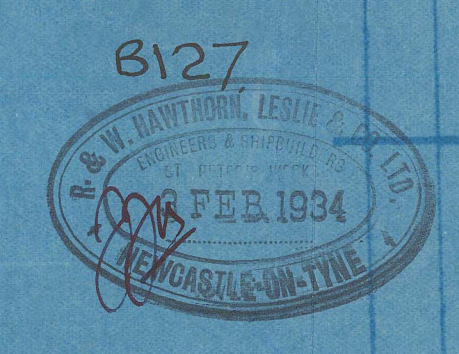
MATERIAL SHAFTS: MILD STEEL 28-32 TONS TENSILE WITH 25-28% ELONGATION
MATERIAL GUNMETAL LINER: 88% COPPER - 10% TIN AND 2% ZINC
BRINELL 95-105.

SHAFTS TO BE SUPPLIED WITH ENG. LLOYD'S CERTIFICATE.

LIST		DESCRIPTION		MATERIAL		REMARKS	
1	WROUGHT-IRON	SPARE 7/8" STUDBOLT FOR NO. 1	LIST				
2	S.M. STEEL	SPARE KEY FOR NO. 1	LIST				
3	WROUGHT-IRON	SPARE NUT FOR NO. 1	LIST				
4	GUNMETAL	SPARE LINER FOR NO. 1	LIST				
5	S.M. STEEL	SPARE PROPELLER SHAFT	LIST				
6	WROUGHT-IRON	SPARE SPLITPIN FOR NO. 13	LIST				
7	WROUGHT-IRON	SPARE NUT FOR NO. 13	LIST				
8	S.M. STEEL	SPARE COUPLINGBOLT	LIST				
9	WROUGHT-IRON	7/8" SPLITPIN	LIST				
10	WROUGHT-IRON	NUT FOR NO. 10	LIST				
11	S.M. STEEL	COUPLING BOLT	LIST				
12	S.M. STEEL	THRUST SHAFT	LIST				
13	S.M. STEEL	INTERMEDIATE SHAFT	LIST				
14	S.M. STEEL	1" STUDBOLT	LIST				
15	S.M. STEEL	STOP	LIST				
16	WROUGHT-IRON	7/8" STUDBOLT FOR NO. 4	LIST				
17	S.M. STEEL	KEY FOR NO. 1	LIST				
18	WROUGHT-IRON	NUT FOR NO. 1	LIST				
19	GUNMETAL	LINER FOR NO. 1	LIST				
20	S.M. STEEL	PROPELLER SHAFT	LIST				

APPROVED BY A.S.P.C. 18-1-34

ENGINE Nº 3822-3 (ANGLO SAXON CO.)
ENGINE Nº 3831-2-3 (EAGLE OIL CO.)



W1635-0007

Workman, Clark.

no. 536

Out line of ~~Recess~~
6 Stn. frame.

20

M/V "ACAVUS"

003620-003624-0008



Lloyd's Register

English & American

OUTLINE PLAN OF STERN FRAME.

SCALE 1" = 1 FOOT.

CAST STEEL TO LLOYDS APPROVAL.

SECTION THROUGH A.B.

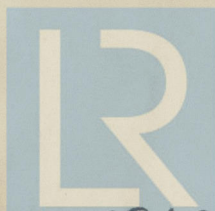


Lloyd's Register
Foundation

Sternbrame .

Acaw

hwc 94452

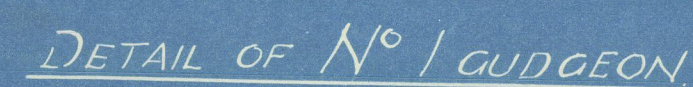
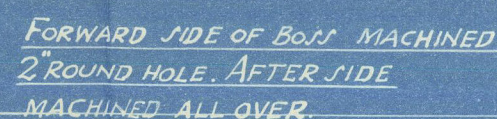


© 2021

Lloyd's Register
Foundation

003620-003624-0001

SCALES: ~ 1" & 3" = 1 FT.



Wickman, Clark.

no 536

Stamp from A Thuders

5.

M/V "ACAVUS"

See also No 20121

003620-003624-0005



Lloyd's Register
Foundation

18/1/24

"ACAVUS"

Nº 536 MOTOR TANKER.

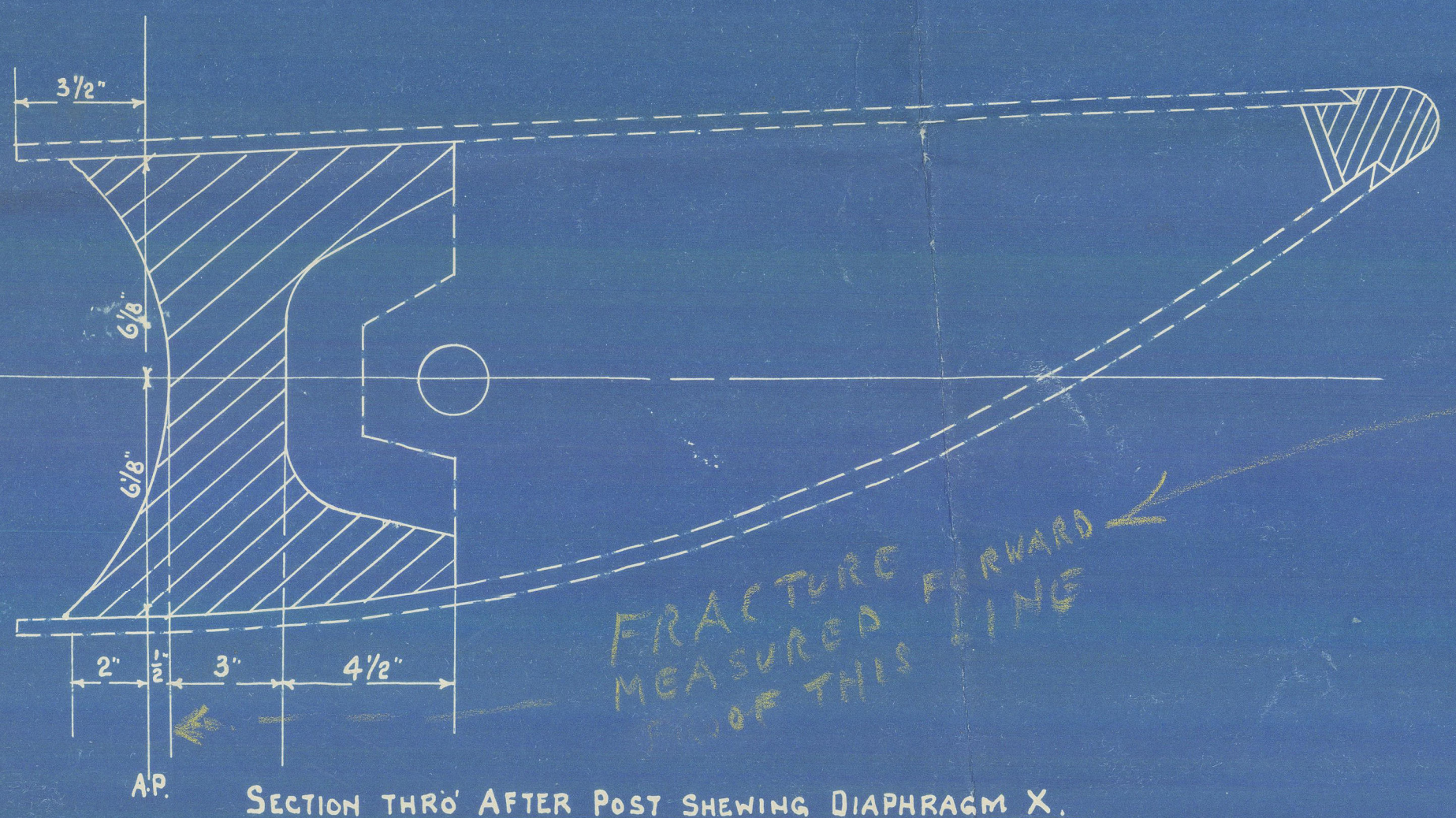
PLAN OF STERNFRAME AND RUDDER.

SCALE 1/2" = 1 FOOT.

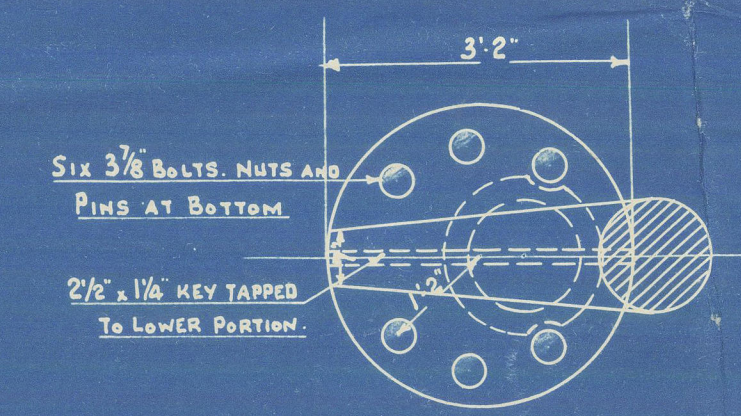
STERN FRAME CAST STEEL.
RUDDER FRAME FORGED STEEL.
UPPER STOCK AND ALL PINTLES FORGED STEEL.

ALL TO LLOYDS TESTS AND APPROVAL.

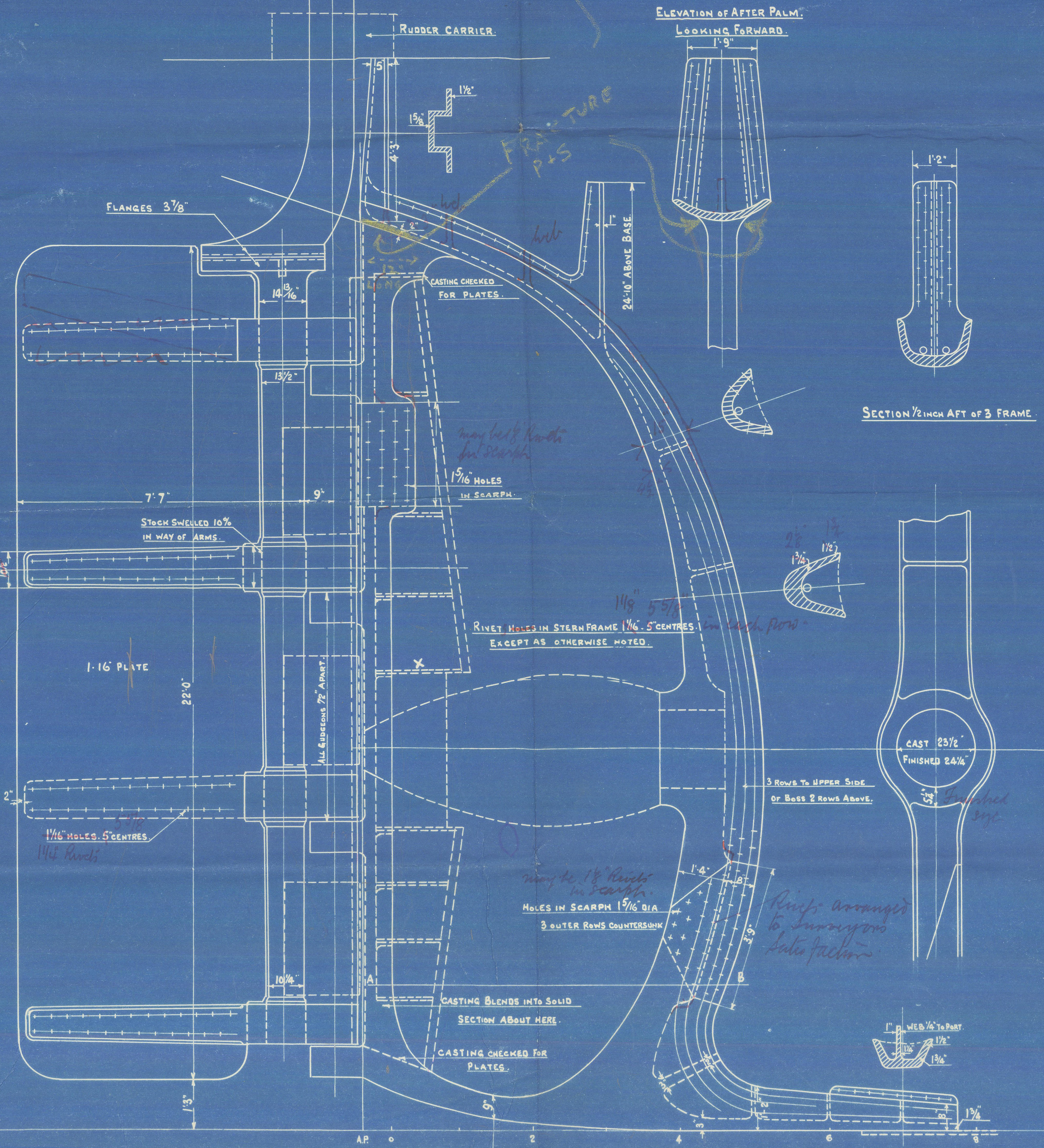
TAIL SHAFT 15" DIA.
LOAD DRAFT 27'-6"
SPEED LOADED 12 KNOTS.



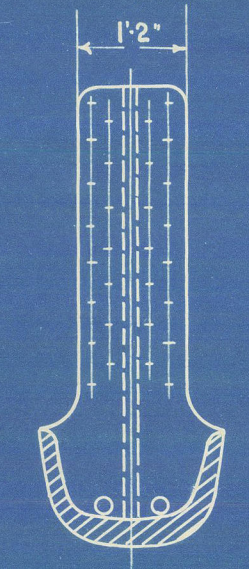
SECTION THRO AFTER POST SHEWING DIAPHRAGM X.



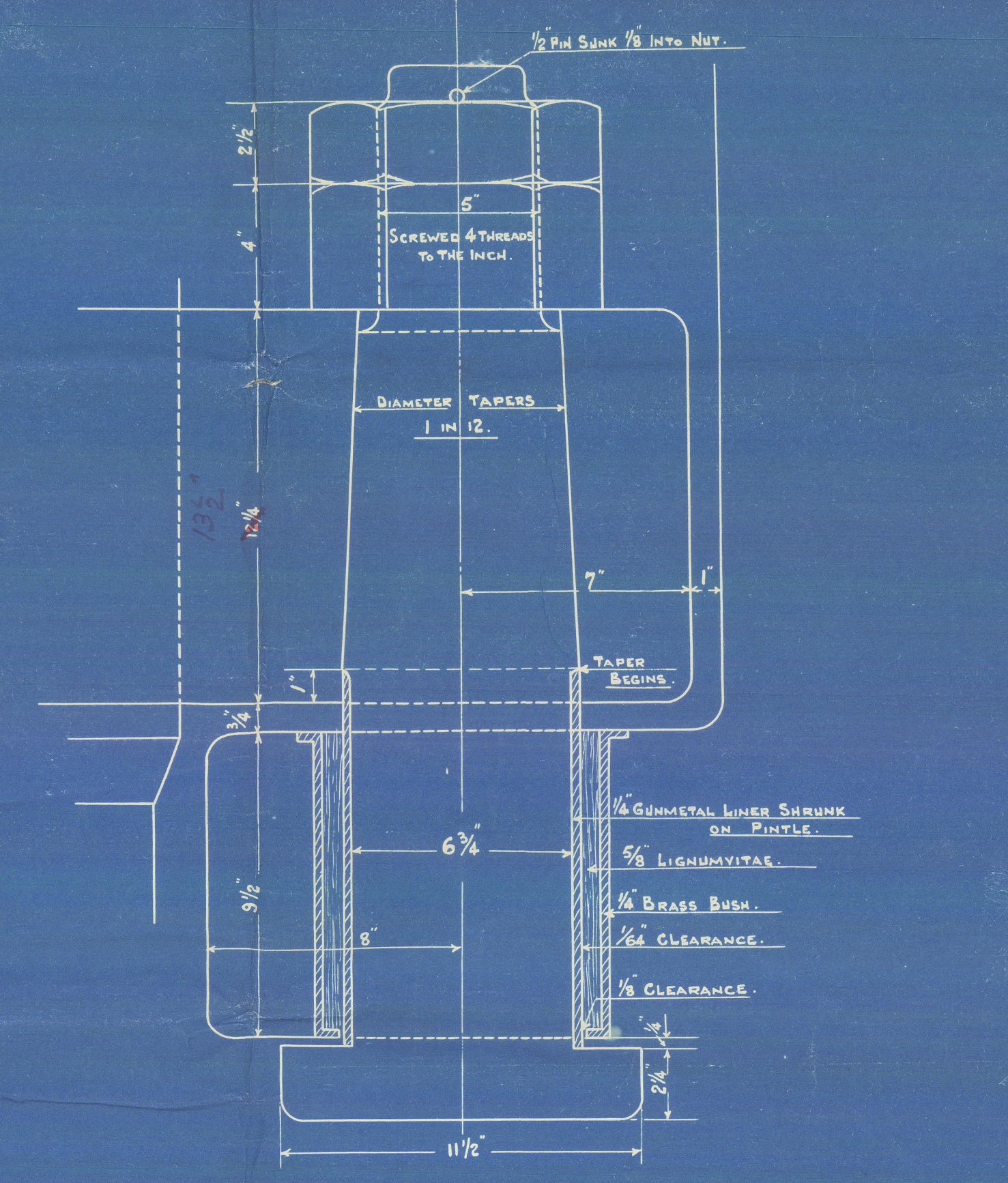
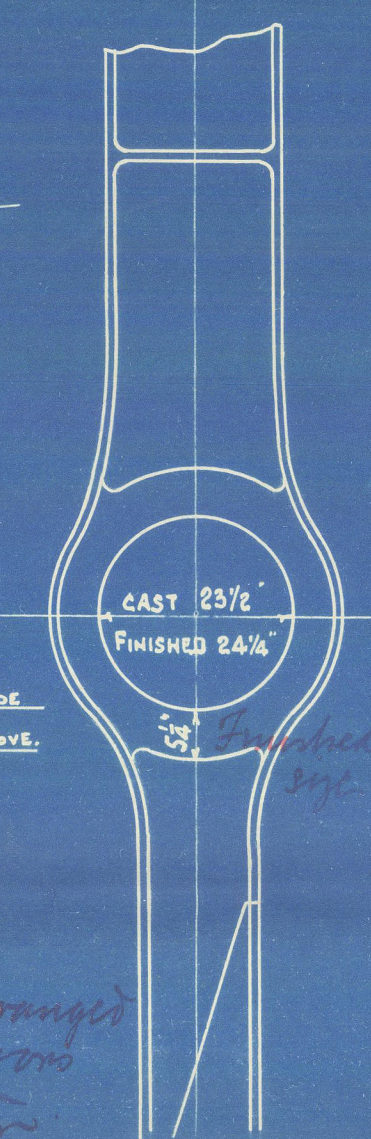
DETAIL OF COUPLING.



ELEVATION OF AFTER PALM, LOOKING FORWARD.

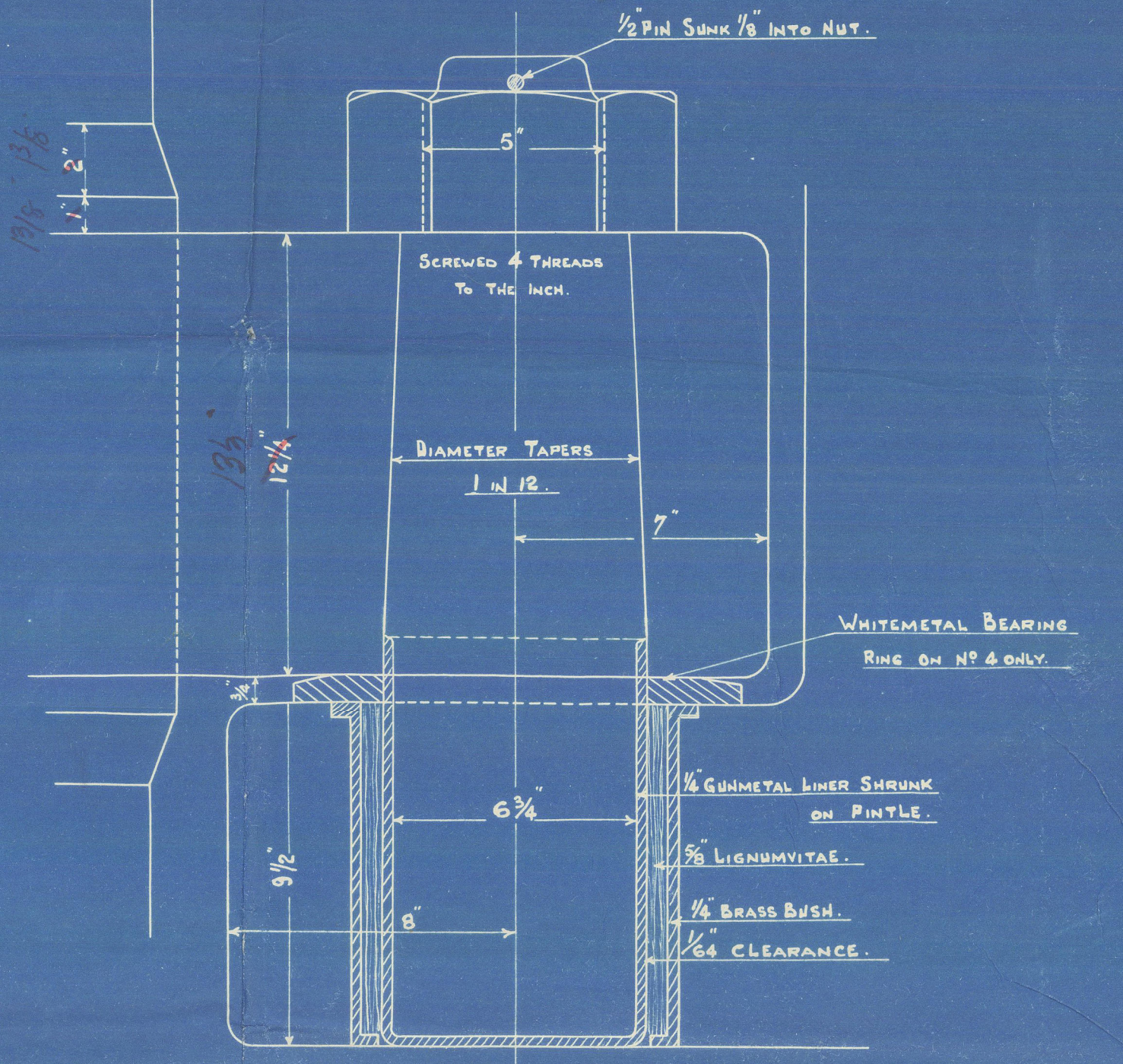


SECTION 1/2 INCH AFT OF B FRAME.



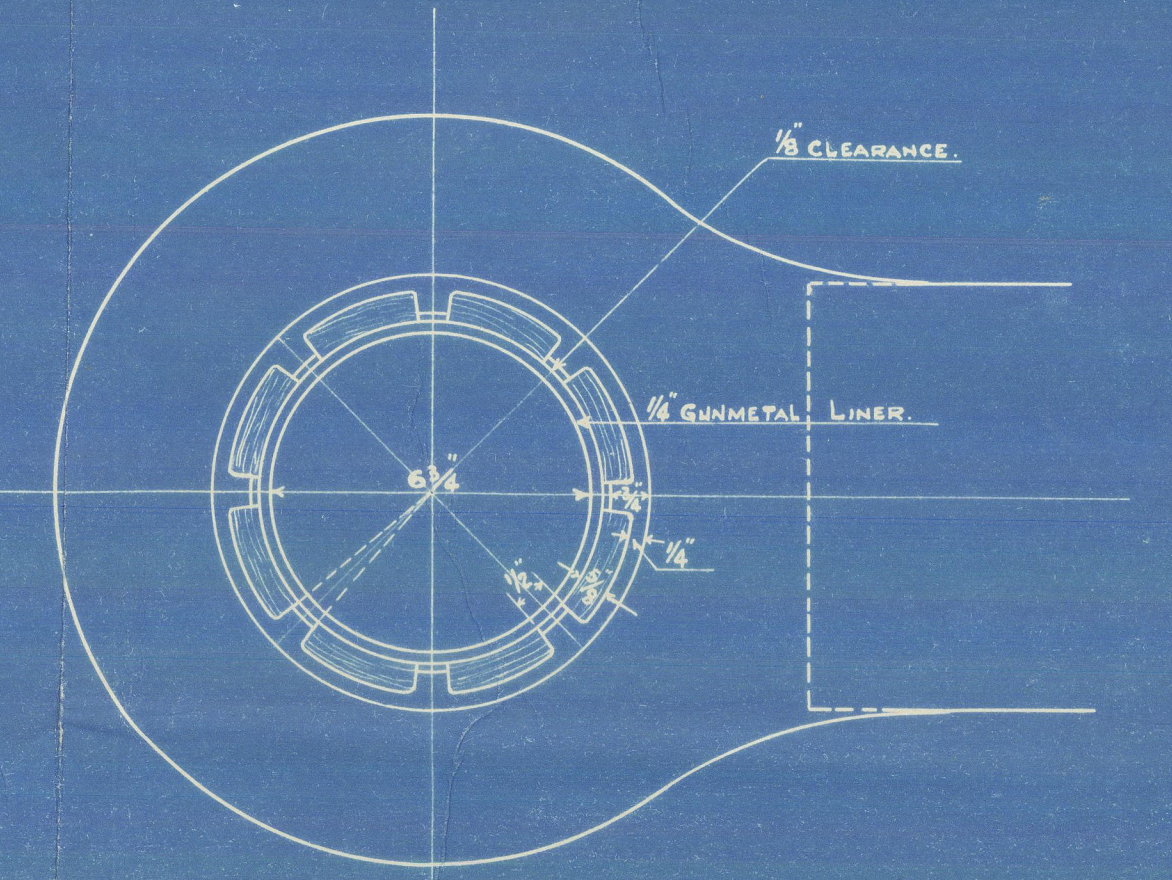
DETAIL OF Nº 1 PINTLE & GUDGEONS.

SCALE 3" = 1 FOOT.



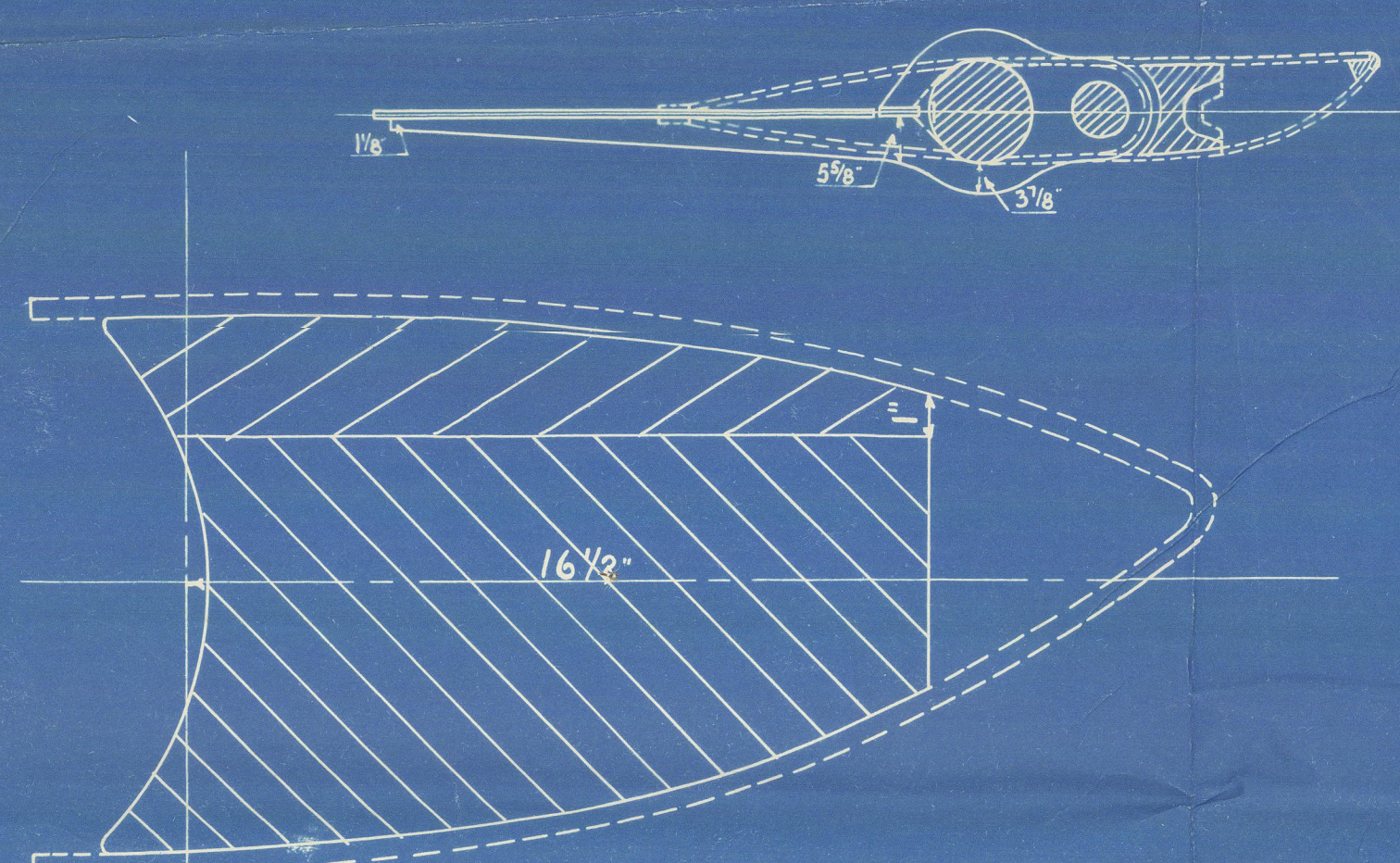
DETAIL OF Nºs 2, 3 & 4 PINTLES & GUDGEONS.

SCALE 3" = 1 FOOT.

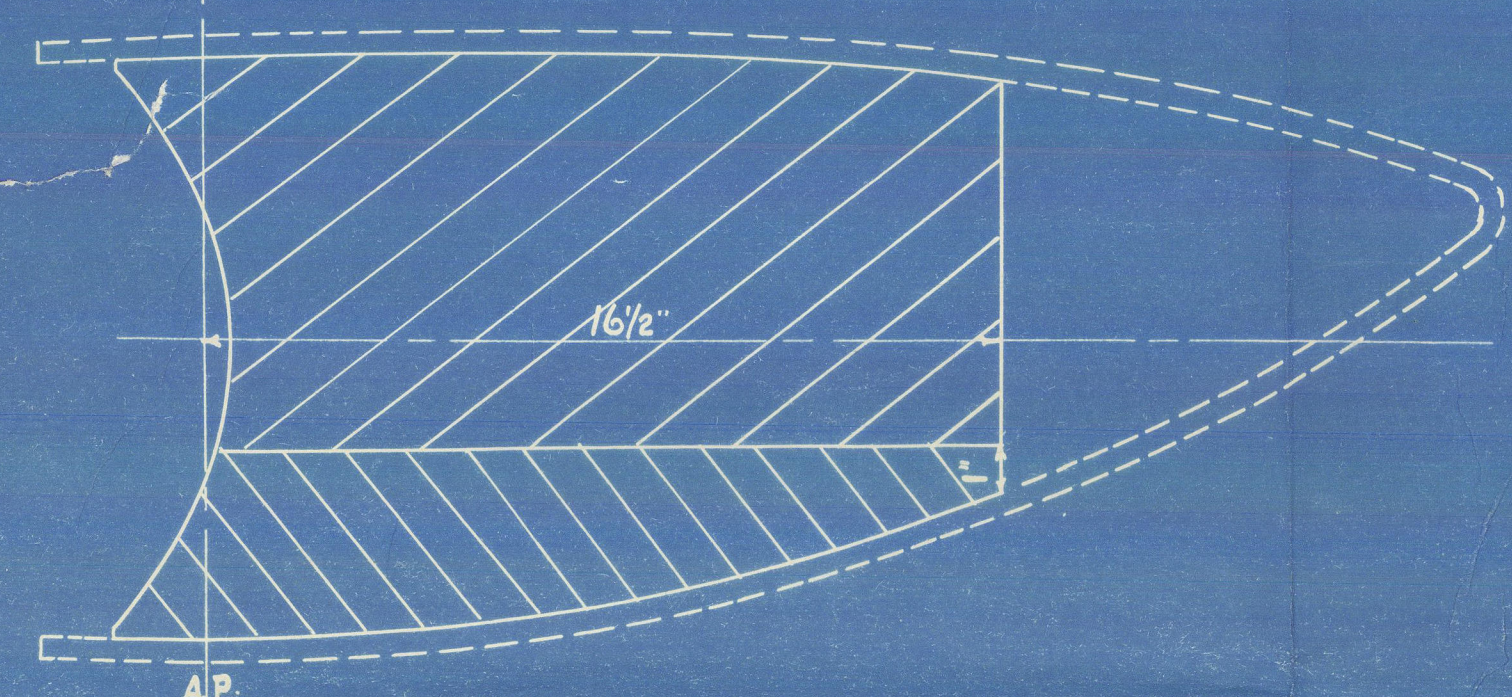


SECTION SHOWING BUSHING OF ALL GUDGEONS.

SCALE 3" = 1 FOOT.

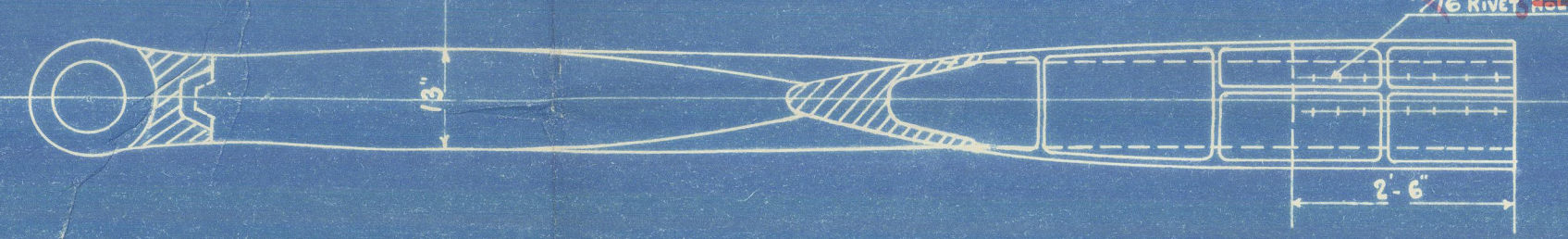


SECTION OF AFTER POST OF STERNFRAME AT TOP OF SCARPH.



SECTION OF AFTER POST OF STERNFRAME AT BOTTOM OF SCARPH.

Post same form below shaft centre as above centre, except that noses on contra blades point opposite way. These point to port side above shaft centre and to starboard below shaft centre.



PLAN LOOKING DOWN THROUGH A.B.

18-1-24

003624-0005

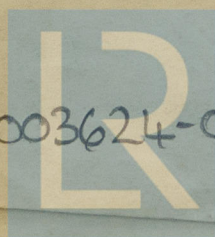
Workman, Clark.
No 536.

Ruddis.

21.

M/V "ACAVUS"

003620-003624-0004



© 2021

Lloyd's Register
Foundation

SCALE $\frac{1}{2}" = 1'-0"$

